

PVM-1271Q

SERVICE MANUAL

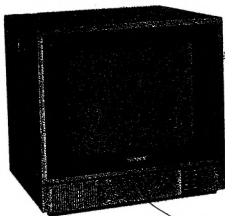
US Model

Chassis No. SCC-611A-A

US Model

Canadian Model

Chassis No. SCC-585A-A



October, 1984

SPECIFICATIONS

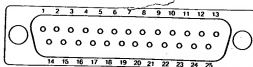
Color system	PAL, SECAM, NTSC and NTSC ₄₄₃ systems, switched automatically	Inputs	VIDEO IN : BNC connector VTR : 8-pin connector, Pin No. 2 (pin No. 6 : ground) composite 1 Vp-p ± 6 dB, sync negative, 75 ohms and high impedance switchable
Picture tube	Trinitron tube Approx. 33 cm (13 inches), 90-degree deflection, Super Fine Pitch 0.25 mm (Approx. 31 cm picture measured diagonally)		AUDIO IN : mini jack VTR : 8-pin connector, Pin No. 1 (pin No. 5 : ground) -5 dBs, high impedance
Resolution	RGB inputs : 600 lines, 640 \times 200 dots Composite input : 550 lines		EXT SYNC IN : BNC connector composite sync 2 - 8 Vp-p, negative, 75 ohms and high impedance switchable
Color temperature	PVM-1271Q : 9,300°K PVM-1371QM : 6,500°K (Can be changed to either temperature by an internal switch. For switching of the color temperature, consult your authorized Sony dealer.)		RGB IN : BNC connector 0.7 Vp-p, ± 6 dB, 75 ohms, non composite
Frequency response	10 MHz (-3 dB, RGB) 5.5 MHz (-3 dB, composite video)		AUDIO (RGB) IN : mini jack -5 dBs, high impedance
Horizontal linearity	$\pm 8\%$	Outputs	CMPTR : 25-pin connector For details, see "CMPTR connector"
Vertical linearity	$\pm 5\%$		VIDEO OUT : BNC connector
Line pull range	Horizontal ± 500 Hz Vertical ± 8 Hz		AUDIO OUT : mini jack Output level 1 W
Overcan of the picture	5%		EXT SYNC OUT : BNC connector
Underscan of the picture	9%		RGB OUT : BNC connector
Return loss	4 MHz, 35 dB (LINE A, LINE B)		AUDIO (RGB) OUT : mini jack Loop-through
Zooming	Within 2%	Power requirements	PVM-1271Q : 120 V ac, 50/60 Hz PVM-1371QM : 220 - 240 V ac, 50/60 Hz
Convergence	Central area 0.6 mm Periphery 0.8 mm	Power consumption	PVM-1271Q : 105 W PVM-1371QM : 90 W
Brightness	More than 35 foot-lamberts	Dimensions	Approx. 346 \times 330 \times 387 mm (w/h/d) (13 3/4 \times 13 \times 15 1/4 inches)
		Weight	Approx. 14.5 kg (31 lb 15 oz)



TRINITRON®
COLOR VIDEO MONITOR
SONY®

MON

CMPTR connector (25-pin)
Pin assignment



Pin No.	Signal	Signal level
1*	IBM select	High s'tate (5 V): IBM mode Low state: 3 Bit TTL
2	Audio select	High state (5 V or open): Audio inputs from pin 13. Low state (less than 0.4 V): Audio inputs from the LINE A AUDIO IN jack
3	H. sync or composite sync	Negative polarity When the high state is selected at pin 9: 1 V p-p, 75-ohm terminated When the low state is selected at pin 9: TTL level
4	Blue input	Positive polarity When the high state is selected at pin 9: Analog signal (0.7 V p-p, 75-ohm terminated, non sync) When the low state is selected at pin 9: Digital signal (TTL level)
5	Green input	
6	Red input	
7	+12 V power supply	0.3 A max
8	+5 V power supply	0.6 A max
9*	Analog/digital mode select	High state (open): Analog signal (0.7 V p-p) Low state (ground): Digital signal (TTL level)
Pin No.	Signal	Signal level
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from a microcomputer Low state (ground): Composite video inputs from the LINE A VIDEO IN connector
11	V-sync	Negative polarity TTL level
12	Blanking	High state (5 V or open): Video inputs from a microcomputer only Low state (ground): Composite video input from the LINE A VIDEO IN connector During the low state, the video signal from the microcomputer is blanked and the composite video signal from the LINE A VIDEO IN connector is superimposed over the signal from the microcomputer.
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k ohms
14	EXT/INT mode sync switch	High state (open): Sync signal input from the CMPTR connector Low state: Sync signal input from the LINE A VIDEO IN connector
15-24	Ground	
25*	IBM luminance signal	Positive polarity When the high state is selected at pin 1: TTL level When the low state is selected at pin 1: Low state (ground)

* Examples for microcomputer connections

Pin No.	1	9	25
Microcomputer			
SMC-70/SMC-70G	—	High state	—
IBM computer	High state	Low state	IBM luminance signal
TTL 3BIT computer	Low state	Low state	Low state

While the information given is true at the time of printing, small production changes in the course of our company's policy of improvement through research and design might not necessarily be indicated in the specifications. We would ask you to check with your appointed Sony dealer if clarification on any point is required.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cord for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the condition of the monopole antenna (if any). Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
9. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

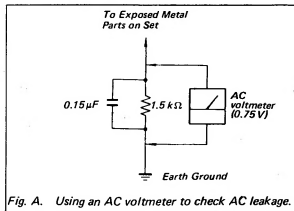


Fig. A. Using an AC voltmeter to check AC leakage.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

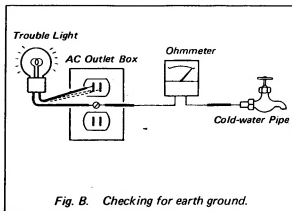



Fig. B. Checking for earth ground.


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ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MARQUE  SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLODÉES ET LES LISTES DE PIÈCES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÈCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIÉS DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

SECTION 1

GENERAL

1-1. FEATURES

High-resolution picture

The Super Fine Pitch Trinitron picture tube (0.25 mm aperture grill) gives high resolution (composite: 550 lines, RGB: 650 lines) picture. When used as a character display, up to 2000 characters (80 characters/line \times 25 lines) can be displayed with great clarity.

Analog/digital RGB input

Analog RGB and digital (TTL level) RGB input signals can be fed to the RGB input connectors (BNC type and 25-pin multi connectors), which allows a microcomputer or a data information system such as teletext, to be connected to this monitor.

Receives 4 TV broadcasting standards

This monitor can receive PAL, SECAM, NTSC and NTSC_{4.43}* signals. The appropriate broadcasting standard is selected automatically.

Colorpure Filter

When NTSC video signals are received, a colorpure filter activates to increase the resolution about 35%, resulting in fine picture detail without color spill or color noise.

Underscan mode

The signal normally scanned outside of the screen can be monitored in the underscan mode.

Automatic frequency control

The incoming sync timing error compensation speed can be set to fast or slow, according to the input signal. In the slow mode, the jitter from a video tape recorder can be easily monitored.

Superimposition of a picture from a microcomputer on a picture from video equipment

When a Sony SMC-70 or SMC-70G microcomputer, an SMI-7073 superimposer and video equipment such as a video disc player are used together with this monitor, a picture from the microcomputer can be superimposed on a picture from the video equipment.

* An NTSC_{4.43} system signal is obtained by playing back NTSC-recorded video tapes with a video tape recorder/player specially designed for use with this system.

By using an optional MB-502 mounting bracket, the PVM-1271Q/1371QM can be mounted in an EIA standard 19-inch rack. An optional SLR-102 slide rail is also available.

For mounting details, see the appropriate instruction manual.

1-2. PRECAUTIONS

On safety

- Check that the operating voltage of your unit is identical with the voltage of your local power supply.
- Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for several days.
- To disconnect the ac power cord, pull it out by the plug. Never pull the cord itself.

On installation

- Allow adequate air circulation to prevent internal heat build-up.
- Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.
- Do not install the unit in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.

On cleaning

To keep the unit looking brand-new, periodically clean it with a soft cloth. Stubborn stains may be removed with a cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner or benzene, or abrasive cleansers since these will damage the cabinet. As a safety precaution, unplug the unit before cleaning it.

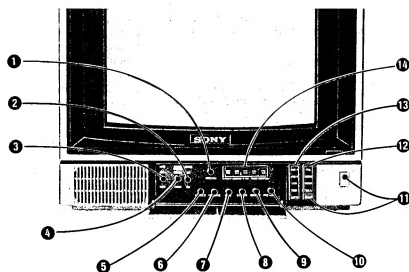
On repacking

Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it as illustrated on the carton.

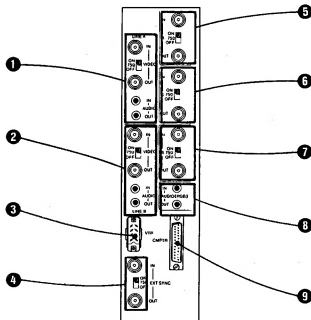
If you have any questions about this unit, contact your authorized Sony dealer.

1-3. LOCATION OF CONTROLS

Front panel



Rear panel



1-4. FUNCTION OF CONTROLS

FRONT PANEL

① SECAM button

Press this button when a picture from SECAM color sources is distorted. The picture will become clear.

② SYNC select switch

Sync may be supplied from an external sync generator to the EXT SYNC IN connector on the rear PANEL. When an external sync is supplied, with either a composite or non-composite video input, set the SYNC select switch to EXT. When composite video is supplied with no external sync, set the SYNC select switch to INT.

③ AFC (automatic frequency control) switch

Select the AFC operation in the fast mode or slow mode.
FAST: incoming sync timing errors are compensated for. Normally, set this switch to this position.
SLOW: Incoming sync timing errors are displayed on the screen.
This mode is used to monitor the jitter from a VTR.

④ SCAN MODE select switch

Normal scanning or under scanning is achieved by proper setting of the SCAN MODE select switch. Set to NORMAL for normal scanning, or to UNDER for viewing a picture which does not appear in normal scanning. Under scanning reduces the display size by about 9%.

⑤ V HOLD (vertical hold) control

If the picture rolls vertically, correct it with this control.

⑥ VOLUME control

Turn this control clockwise or counterclockwise to obtain the desired volume.

⑦ HUE control

This control is effective only for playing tapes of the NTSC or NTSC₄₃ system. Use to obtain the most natural skin tones. Clockwise rotation makes the skin tones more greenish; counterclockwise rotation makes them more purplish.

⑧ COLOR control

Adjusts the color intensity of the picture. Clockwise rotation makes the picture more vivid; counterclockwise rotation makes it paler.

⑨ BRIGHT (brightness) control

Adjusts the brightness. Normally set this control at the center detent position.

⑩ PICTURE control

Adjusts the contrast, color intensity and brightness simultaneously in the proper ratio.

⑪ POWER switch and indicator

To turn the monitor on, depress the POWER switch. The indicator will light. To turn the monitor off, press the switch again.

⑫ Color system indicators

Indicate the color system of the input video signal.

⑬ Input indicators

Illuminate to indicate the input select button pressed.

⑭ Input select buttons

Press to select the program to be monitored.
LINE A: for a signal from the LINE A connectors.
LINE B: for a signal from the LINE B connectors.
VTR: for a signal from the 8-pin VTR connector.
RGB: for a signal from the R, G and B connectors.
CMPTR: for a signal from the 25-pin CMPTR connector.

REAR PANEL

① LINE A ② LINE B

Two groups (A and B) of line input connectors for the composite video and audio signals and their loop-through output connectors.

To monitor the input signals to these connectors, press the LINE A or LINE B Input select button on the front panel.

VIDEO IN connector (BNC type)

Connect to the video output of a video equipment, such as a VTR or a color video camera. For a loop-through connection, connect to the video output of another monitor.

VIDEO OUT connector (BNC type)

Loop-through output of the VIDEO IN connector. Connect to the video input of a VTR or another monitor.

AUDIO IN jack (mini)

Connect to the audio output of a VTR or to a microphone via a suitable microphone amplifier. For a loop-through connection, connect to the audio output of another monitor.

AUDIO OUT jack (mini)

Loop-through output of the AUDIO IN jack. Connect to the video input of a VTR or another monitor.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON. When both the VIDEO IN and VIDEO OUT connectors are used together for loop-through connection, set this switch to OFF.

③ VTR connector (8-pin)

Line input for the video and audio signals. When connected with the 8-pin TV connector of a VTR, the video and audio playback signal from the VTR can be connected with a single cable.

To monitor the input signal to this connector, press the VTR input select button on the front panel.

● For connection, use an optional video cable VMC-3P (3 m, 9 feet), -5P (5 m, 15 feet) or -10P (10 m, 33 feet).

④ EXT SYNC (external sync) IN connector (BNC type)

When this monitor operates on an external sync signal, connect the reference signal from a sync generator here.

OUT connector (BNC type)

Loop-through output of the EXT SYNC IN connector. Connect to the external sync input of video equipment to be synchronized with this monitor.

75-ohm termination switch

When only the EXT SYNC IN connector is used (nothing is connected to the EXT SYNC OUT connector), set this switch to ON.

When both the EXT SYNC IN and EXT SYNC OUT connectors are used together for a loop-through connection, set this switch to OFF.

⑤ R ⑥ G ⑦ B ⑧ AUDIO (RGB)

Analog RGB and audio input connectors and their loop-through output connectors.

To monitor the input signal to these connectors, press the RGB input select button on the front panel.

R/G/B IN connectors (BNC type)

Connect a character generator, microcomputer or video camera having RGB outputs here.

R/G/B OUT connectors (BNC type)

Loop through output of the R/G/B IN connectors. Connect to the RGB inputs of another monitor here.

75-ohm termination switch

When only the R/G/B IN connector is used (nothing is connected to the R/G/B OUT connector), set this switch to ON. When both the R/G/B IN and R/G/B OUT connectors are used together for a loop-through connection, set this switch to OFF.

AUDIO (RGB) IN jack (mini)

Connect the audio output of the equipment connected to the R/G/B IN connectors here.

AUDIO (RGB) OUT jack (mini)

Loop-through output of the AUDIO (RGB) IN jack.

⑨ CMPTR (computer) connector (25-pin)

Connect with a microcomputer having a digital (TTL level) or analog RGB video output.

To monitor the input signal to this connector, press the CMPTR input select button on the front panel.

Color temperature selection

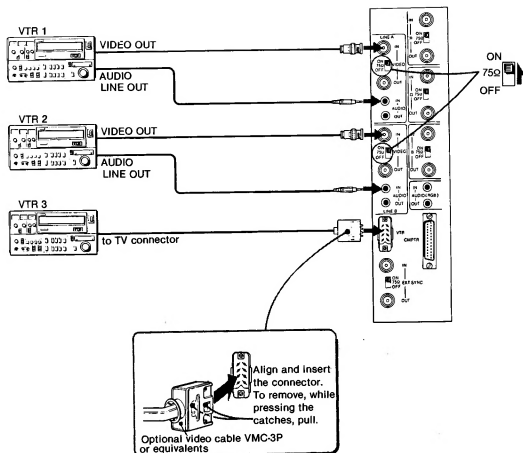
The color temperature of the PVM-1271Q has been preset at the factory to 9,300°K, and can be changed to 6,500°K.

The color temperature of the PVM-1371QM has been preset to 6,500°K, and can be changed to 9,300°K.

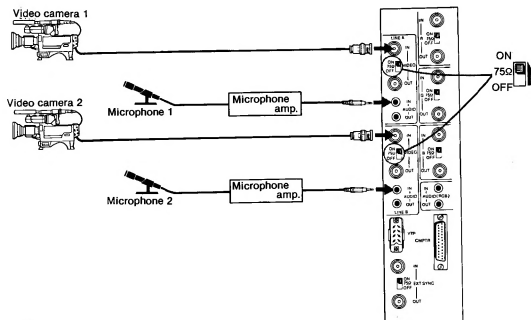
If the switching of the color temperature is required, consult your authorized Sony dealer.

1-5. SYSTEM CONNECTIONS

CONNECTING A VTR



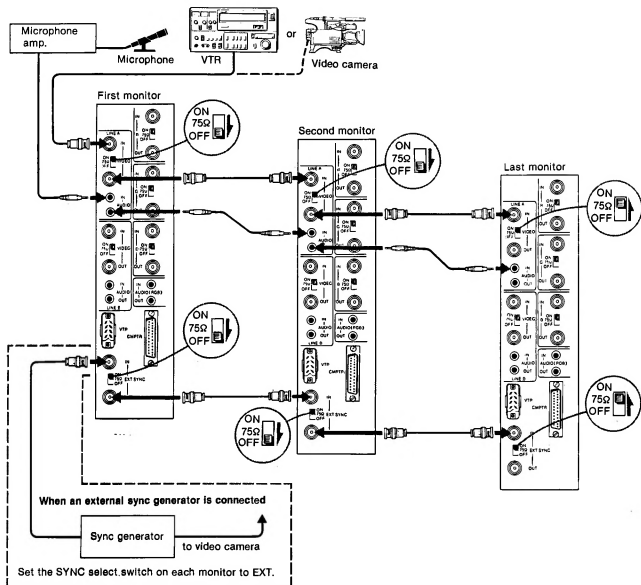
CONNECTING A CAMERA AND A MICROPHONE



CONNECTING SEVERAL MONITORS

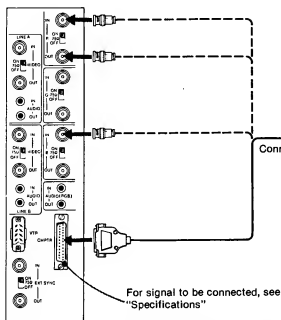
A loop-through connection is convenient for monitoring the same signal on other monitors. Use the video/audio input and output connectors of LINE A or LINE B to connect the monitors. Up to 10 monitors can be connected.

Set the 75-ohm termination switch of the last monitor to ON and that of the other monitors to OFF.



CONNECTING A MICROCOMPUTER OR A TERMINAL FOR DATA INFORMATION SYSTEM

When a microcomputer has only a composite video output connector, connect it to the LINE A or LINE B VIDEO IN connector.



Connecting cable SMK-0002



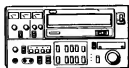
Microcomputer or data information system

SUPERIMPOSING A PICTURE FROM A MICROCOMPUTER OVER A PICTURE FROM A VIDEO EQUIPMENT OR MIXING THESE TWO PICTURES

Using the Sony SMI-7073 superimposer, a picture from a microcomputer can be superimposed on this monitor's screen over a picture from video equipment.

When the SMC-70 microcomputer is used, superimposition of pictures from a video disc player and from the SMC-70 is possible. When the SMC-70G microcomputer is used, superimposition of pictures from the SMC-70G and video equipment in addition to a video disc player, such as a video camera or a VTR, is possible.

VTR, video disc player, video camera, etc.



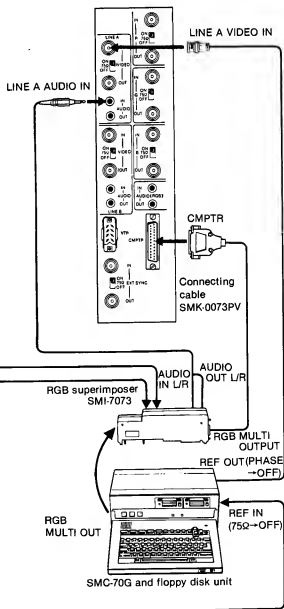
Video output

RGB superimposer SMI-7073

RGB MULTI OUTPUT
REF OUT (PHASE → OFF)

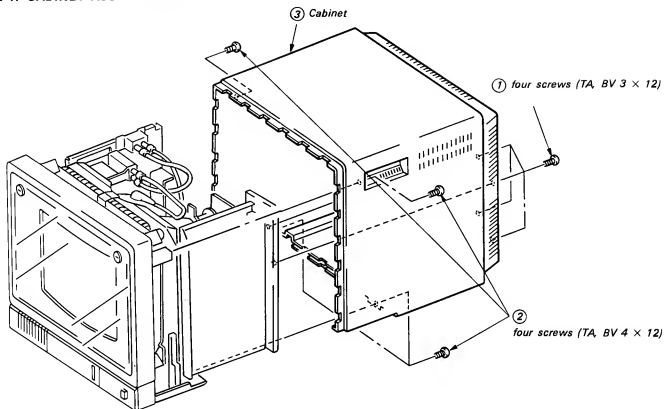
RGB MULTI OUT

SMC-70G and floppy disk unit

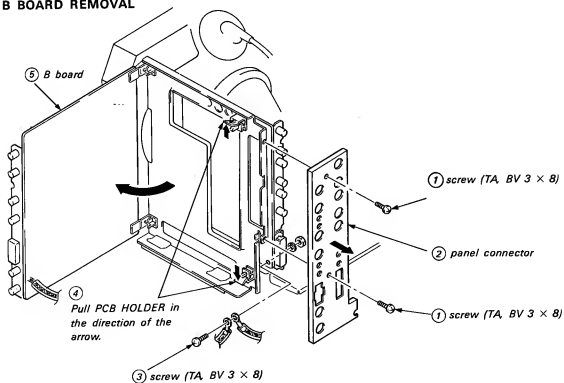


SECTION 2 DISASSEMBLY

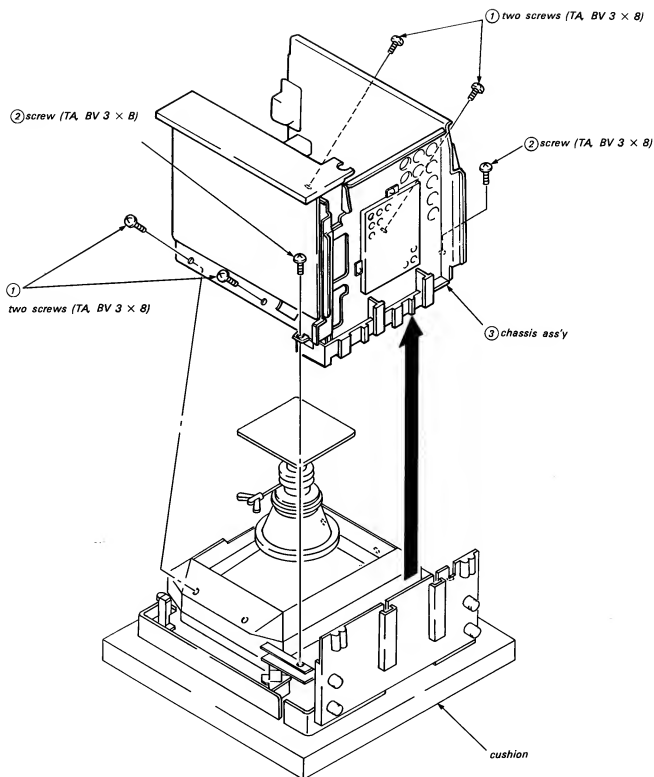
2-1. CABINET ASS'Y REMOVAL



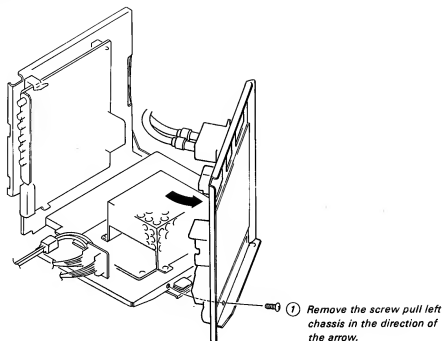
2-2. B BOARD REMOVAL



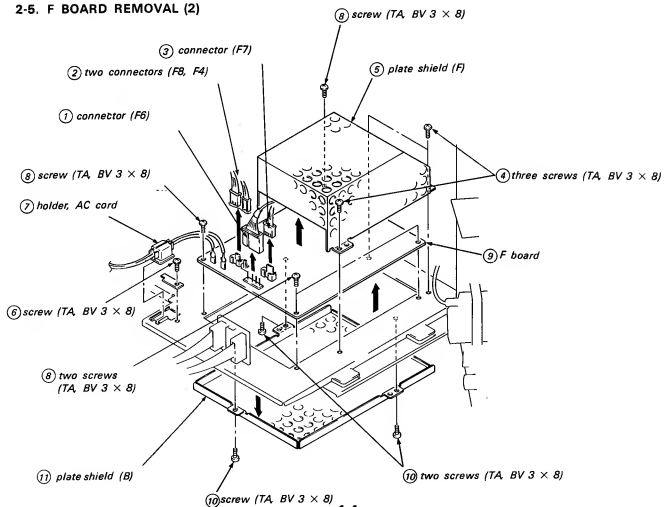
2-3. CHASSIS ASS'Y REMOVAL



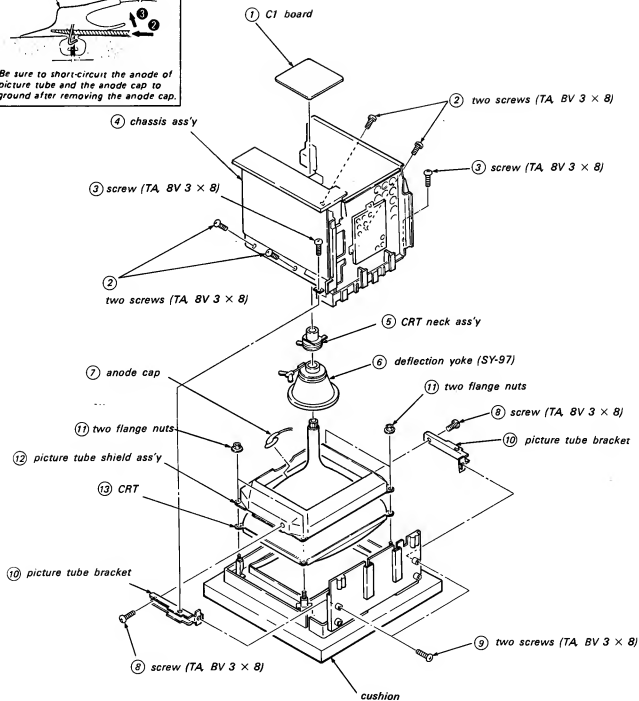
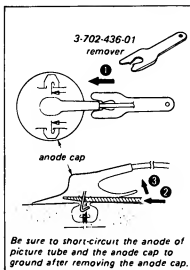
2-4. F BOARD REMOVAL (1)



2-5. F BOARD REMOVAL (2)



2-6. PICTURE TUBE REMOVAL



SECTION 3 ADJUSTMENTS

3-1. SETUP ADJUSTMENTS

3-1-1. BEAM LANDING

Landing Adjustment In the case of a 6,500°K color temperature, the number of VRs to be adjusted will differ.

- (1) Turn on set power supply and receive and all-white signal.
- (2) Evenly degauss the entire screen.
- (3) Loosen the deflection yoke mounting screw, and set the purity control to the center as shown in Fig. 3-1.
- (4) Set BKG volume RV706 (R) to maximum and set RV704 (G) and RV702 (B) to minimum.
- (5) Move the deflection yoke back, and adjust the purity control so that (R) is in the center and (G) and (B) are at the sides, evenly. (Fig. 3-2)
- (6) Move the deflection yoke forward so that the entire screen is R.
 - * If the deflection yoke is pushed all the way to the CRT then moved slightly back, landing adjustment is easier.
- (7) Substitute (R), then (B) for (G) in step (4) and check landing.
- (8) Rotate (R), (G) and (B) once each and check landing.
- (9) When landing is not right, adjust the purity control and use magnets as shown in Fig. 3-3, then repeat steps (7) and (8).
- (10) When a magnet is used, be sure to perform step (2), and tighten deflection yoke mounting screw loosely.

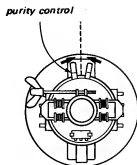


Fig. 3-1.

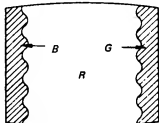


Fig. 3-2.

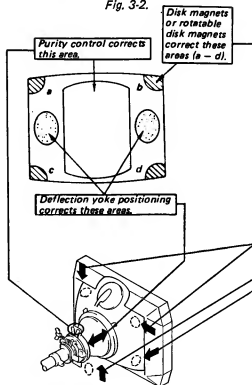
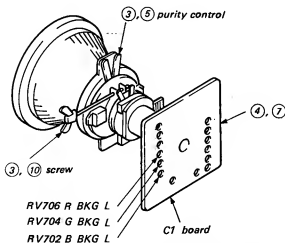


Fig. 3-3.



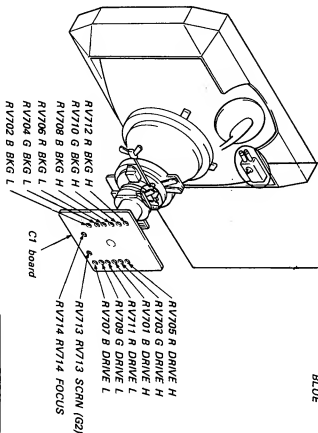
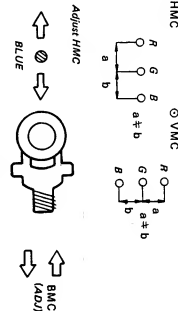
Note: The circled numbers (③-⑦ and ⑩) shown above steps.

(1) Horizontal and Vertical Static Convergence

(2) Dynamic Convergence Adjustment

Preparation:

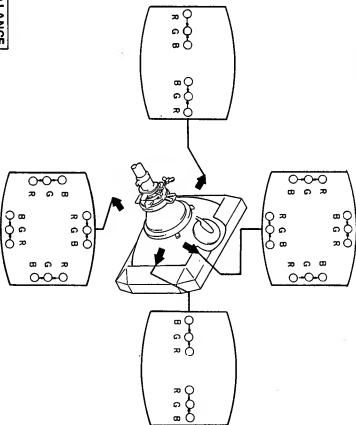
- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
1. Loosen deflection yoke screw.
 2. Remove deflection yoke spacers.
 3. Move the deflection yoke for best convergence as follows:



2) Attach an oscilloscope to

- 2) Attach an oscilloscope to the input point B (blue) of the oscilloscope, and perform adjusting with RV107 (SUB CONT VR) so that the signal of the maximum size of picture will become 1.8V.

- (3) BKG VR (RV708, 710, and 712) at 20%, and the various DRIVE VR (RV701, 703, and 705) at 60%.
- (4) Turn all the other BKG VR than the one for the color that started glowing first, and adjust the white balance at cut-off.
- (5) Adjust the high light side white balance with drive VR.
- (6) By turning other drive VR than the one for the color glowing the brightest of all, adjust the white balance.



ADJUSTING

Preparation

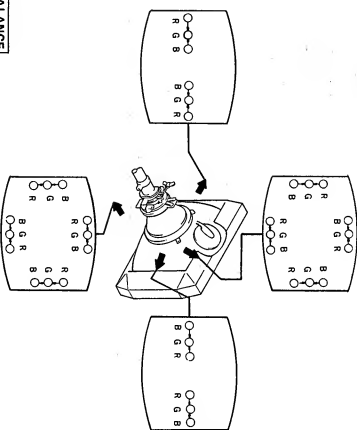
- 1) Connect (Chron
- 2) Set the to "R.C
- 3) PICTU. BRIGH
- 4) Set the PICTU with R second
- 5) Adjustmen

(2) Dynamic Convergence Adjustment

Preparation:

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.

1. Loosen deflection yoke screw.
2. Remove deflection yoke spacers.
3. Move the deflection yoke for best convergence as shown below.
4. Tighten the deflection yoke screw.
5. Install the deflection yoke spacers.



3-1-4. WHITE BALANCE

Preparations

Adjustment of Screen (G2)

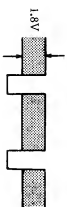
- 1) Make the picture into minimum size by receiving monochrome signal, and set the brightness at 50%. The G1 voltage at the time should be $5 \pm 1V$.
- 2) Adjust BK G VR(RV702, R704 and R706) so that R:G:B Cathode voltage becomes 110V DC.

Adjust with G2 VR (RV713) immediately prior to the disappearing of the lumincent line.

[For 9300°K Color Temperature:]

- (1) Receive a totally white signal from the pattern generator.

- 2) Aimed an oscilloscope to the input point B (blue) of CI board, and perform adjusting with RV107 (SUB CONT VR) so that the signal of the maximum size of picture will become 1.8V.



-18-

ADJUSTMENT OF RGB WHITE BALANCE

Preparations

- 1) Connect the connector as shown in diagram. (Chroma off of color bar signal)

- 2) Set the mode switching button on the control panel to R:G:B mode.

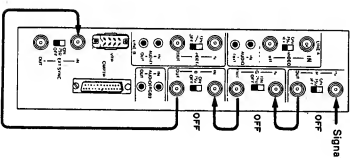
- 3) PICTURE VR (RV684) ... Maximum BRIGHTNESS VR (RV681) ... 50% at mechanical center.

- 4) Confirm that pit ③ (green) of connector Q-4 is set at 1.8 Vp-p.

- 5) Set the BRIGHTNESS VR (RV681) at 50% and PICTURE VR (RV684) at minimum size, and adjust with RV402 (BKT) so that the screen stripe to the second point counting from the right lights faintly.

Adjustment

- 1) Set the chromatic temperature selection switch at 6500°K.
- 2) PICTURE VR (RV684) ... Minimum BRIGHTNESS VR (RV681) ... 50%.
- 3) Adjust the respective RGBs with BKT VR (RV403, RV404 and RV405).
- 4) Raise the PICTURE VR (RV684) and confirm that there is no change in the chromatic temperature.
- 5) Confirm by setting chromatic selection switch at 9300°K.



-19-

3.2. SAFETY RELATED ADJUSTMENTS

HOLD DOWN 1 Adjustment (R829 Adjustment)

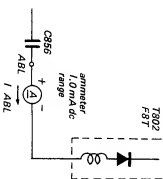
Be sure to perform this after replacing the parts below (marked \blacksquare on the schematic):

- \blacksquare R825, R826, R827, R828, R829, R830, R831, R832, R834, R842, R882, R883, R884, R885, R886, D803, D804, IC501, IC503, R833.

Note: The $\textcircled{1}$ pin of IC503 is the hold down check

check point $\textcircled{2}$ from an external DC power supply. Disconnect ABL terminal of F8T from the foil and connect the armature as shown to measure the ABL terminal current.

1. Feed in color-bar signal.
2. Set the BRIGHT, PICTURE & COLOR control to minimum (ABL $\pm 70 \mu\text{A}$).
3. Confirm that the HOLD DOWN CIRCUIT operates and the raster disappears when $15.80 \pm 0.10 \text{ V}$ DC is applied to hold down check point $\textcircled{2}$ from an external DC power supply.
4. Confirm that the HOLD DOWN CIRCUIT does not operate when $14.80 \pm 0.10 \text{ V}$ DC is applied to hold down check point $\textcircled{2}$ from an external DC power supply. Note: If the HOLD DOWN CIRCUIT operates, immediately cut the applied voltage.
5. Feed in a MONOSCOPE signal and adjust ABL current to $570 \pm 50 \mu\text{A}$ with PICTURE, BRIGHT, etc. VRS.
6. Confirm that the HOLD DOWN CIRCUIT operates and the raster disappears when $14.80 \pm 0.10 \text{ V}$ DC is applied to hold down check point $\textcircled{2}$ from an external DC power supply.
- Note: When raster disappears, cut input voltage and applied voltage immediately.
7. Confirm that the HOLD DOWN CIRCUIT does not operate when $13.80 \pm 0.10 \text{ V}$ DC is applied to hold down check point $\textcircled{2}$ from an external DC power supply. Note: If the HOLD DOWN CIRCUIT operates, immediately cut input and applied voltage.
8. Adjust R829 so that steps 3, 4, 6 and 7 are satisfied.
9. Set the ABL terminal back to its original position.
10. Confirm that the voltage on pin $\textcircled{1}$ of IC503 is $0.6 \pm 0.1 \text{ V}$ DC at the normal condition.



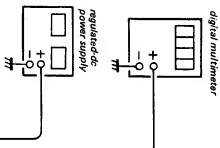
Disconnect the ABL terminal of F8T from the foil by unsoldering and connect negative probe to the ABL pin of F8T.

HOLD DOWN 2 Adjustment (R881 Adjustment)

Be sure to perform this adjustment when applying the following parts (marked \blacksquare on the schematic):

- \blacksquare R832, R842, R888, R889, R891, R892, R893, R894, D803, D804, D815, D817, D818, R833.

1. Input a color bar signal.
2. PICTURE MIN.
3. Apply DC 115 V to the ± 8 line from an external DC power supply and confirm that HOLD DOWN CIRCUIT operates.
- Note: The HOLD DOWN CIRCUIT may operate first, so input about 100 V AC to the power supply before performing ± 8 protector operation check.

 **± 8 MAX Check (R840 Adjustment)**

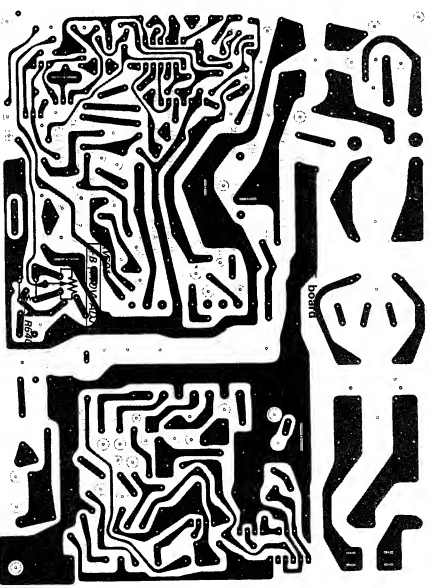
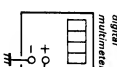
Be sure to perform this adjustment when replacing the following parts (marked \blacksquare on the schematic):

- \blacksquare R814, R815, R816, R822, R824, R825, R840, R1001, T803, T804, D808, D811, IC501.

1. Input a dot signal.
2. Input a AC 120 V .
3. Set in correct state.
4. Input a AC 120 V (R1001) fully so that ± 8 value is maximum.
5. Confirm that ± 8 value is less than 115.0 V .

 ± 8 VOLTAGE Adjustment

- (1) Feed in a monoscope signal.
- (2) Set PICTURE control at 80% and BRIGHT control at 50%.
- (3) Supply 100 V AC with variable auto-transformer.
- (4) Adjust R1001 on P board so that ± 8 voltage is $108.0 \pm 0.5 \text{ V}$.



+8 MAX Check (☒ R640 Adjustment)

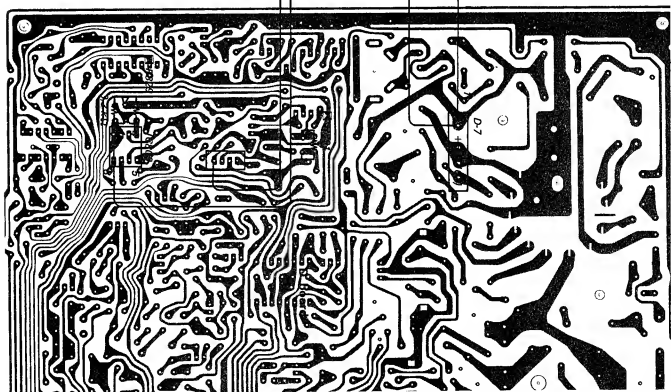
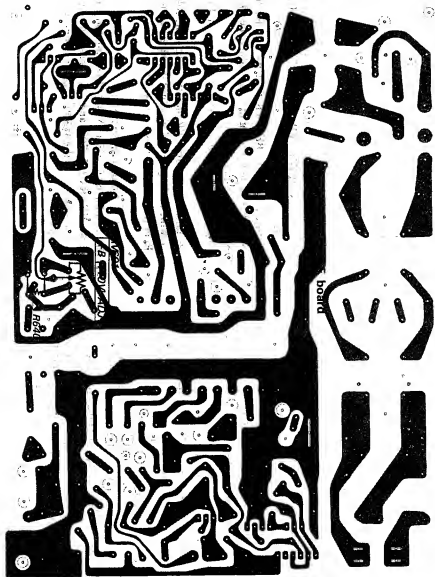
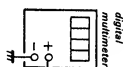
Be sure to perform this adjustment when replacing the following parts (marked \blacksquare on the schematic):

\blacksquare R614, R615, R616, R622, R624, R632, R640, RV601, T803, T804, D806, D811, IC801.

1. Input a test signal.
2. Input a AC 120 $\frac{1}{2}$ V.
3. Put set in cut-off state.
4. Turn F Board +8 ADJ VA (RV601) fully so that +8 value is maximum.
5. Confirm that +8 value is less than 115.0 V.

+8 VOLTAGE Adjustment

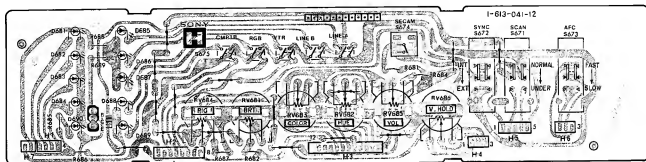
- (1) Feed in a reference signal.
Set PICTURE control at 80% and BRIGHT control at 50%.
- (2) Supply 100 V AC with variable auto-transformer.
- (3) Adjust RV601 on F board so that +8 voltage is 105.0 \pm 0.5 V.



[CUSTOMER CONTROL,
INPUT SIGNAL INDICATOR]

H

- H Board -



C1[R.G.B. OUT, R.G.G. DRIVE,
[R.G.B. BKG

1

2

3

4

5

6

7

- C1 Board -

A

B

C

D

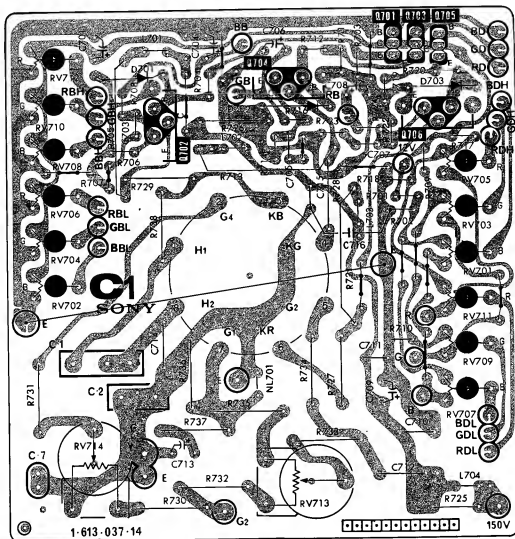
E

F

G

H

I



[KICK]

1

2

3

4

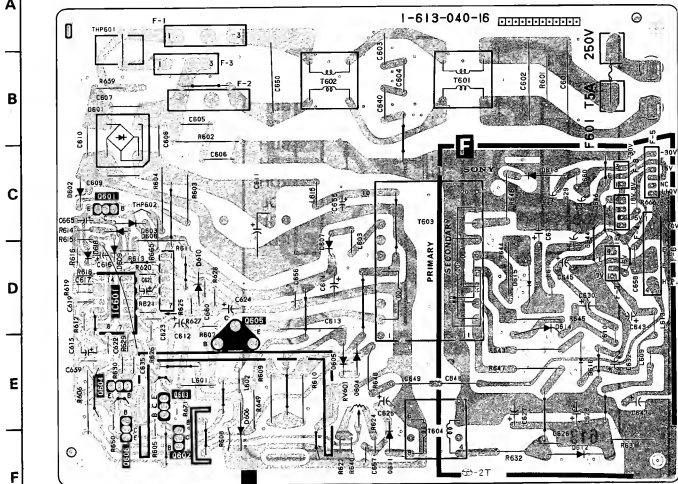
5

6

7

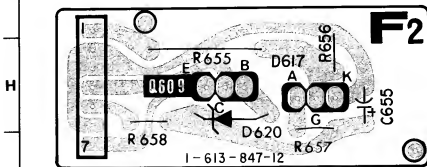
— F Board —

A



— F2 Board —

G



1


SECTION 5


EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

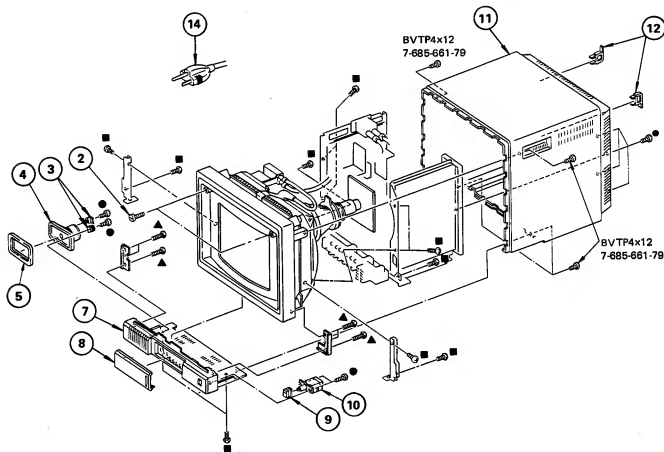
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CABINET

- : BVTP3x8 7-685-646-79
- : BVTP3x12 7-685-648-79
- ▲: BVTP4x12 7-685-661-14

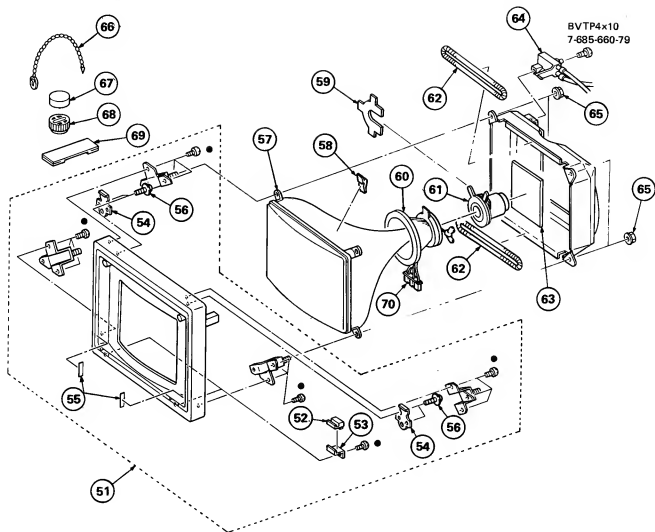


No.	Part No.	Description
2	4-336-851-51	SCREW, ORNAMENTAL
3	*4-321-611-00	CLAW, RETAINING, SPEAKER
4	1-503-109-00	SPEAKER
7	*4-364-741-00	CUSHION, SPEAKER
5	X-4365-414-7	PANEL ASSY, CONTROL
8	X-4364-704-5	DOOR ASSY


Remark	No.	Part No.	Description	Remark
	9	4-364-710-00	BUTTON, POWER	
	10	*1-554-969-12	SWITCH, PUSH (AC POWER)(1 KEY)	
	11	X-4365-404-3	CABINET ASSY	
	12	4-316-003-00	HOLDER, CORD	
8	14	*1-534-517-31	CORD, AC	


5-2. BEZEL

●: BVTP3x12 7-685-648-79



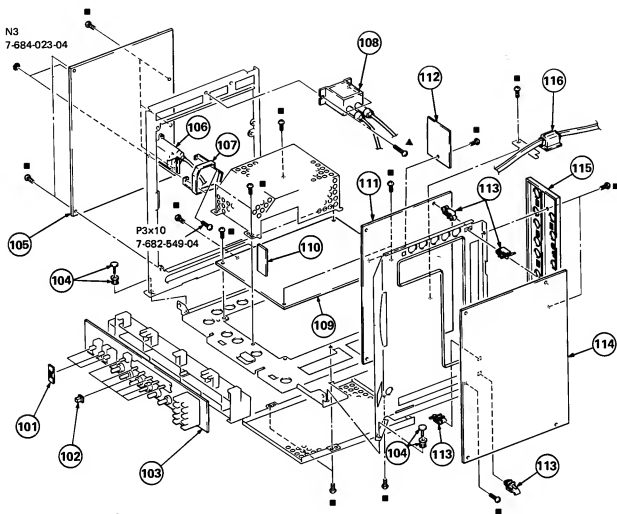
No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51	X-4364-702-3	BEZEL ASSY	52, 53, 54, 55, 56	61	A-1-452-214-12	CRT NECK ASSY (H TYPE)	
52	4-336-808-00	PROTECTOR, FILTER		62	A-1-426-086-41	COIL, DEGAUSSING	
53	4-364-701-00	HOLDER, FILTER		63	A-1-1330-541-A	C1 BOARD, COMPLETE	
54	*4-341-905-00	NUT, PLATE (A)		64	A-1-228-482-14	RESISTOR ASSY, HIGH-VOLTAGE	
55	9-911-837-XX	CUSHION (B), FILTER		65	4-306-034-00	FLANGE NUT, (B) 5MM	
56	4-302-328-00	HEAD, WASHER, TAPPING SCREW		66	4-308-870-00	CLIP, LEAD WIRE	
57	A-8-736-312-05	PICTURE TUBE (330YB22)		67	1-452-032-00	MAGNET, OISX; 10MM ϕ	
58	3-703-961-01	SPACER, DY		68	1-452-094-00	MAGNET, ROTATABLE OISX; 15MM ϕ	
59	1-452-146-21	MAGNET, BMC		69	X-4308-815-0	PERMALLOY ASSY, CONVERGENCE	
60	A-1-451-239-12	DEFLECTION YOKE (SY-97A)		70	*1-556-528-11	CONNECTOR ASSY (MINI, DY) 6P	

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-3. CHASSIS

■: BVTP3x8 7-685-646-79
 ▲: BVTP4x12 7-685-661-14



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101	*A-337-419-00	INSULATOR (LARGE), SLIDE SWITCH		109	*A-1245-230-A	F BOARD, COMPLETE	
102	4-369-627-01	PUSH BUTTON		110	*1-613-947-11	F2 BOARD	110
103	*1-613-041-11	H BOARD		111	*A-1275-055-A	Q BOARD, COMPLETE	
104	3-646-090-00	RIVET, NYLON		112	*1-613-038-11	C2 BOARD	
105	*A-1345-472-A	D BOARD, COMPLETE		113	*3-703-141-00	HOLDER, PCB	
106	▲1-439-308-12	TRANSFORMER ASSY. FLYBACK		114	*A-1135-253-A	B BOARD, COMPLETE	
107	*4-364-749-00	PLATE, SHIELD, F.B.T		115	4-365-421-01	PANEL (C), CONNECTOR	
108	▲1-162-142-21	CAP. BLOCK, HIGH VOLTAGE		116	▲4-364-726-01	BUSHING, AC CORD	

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

B

SECTION 6

ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

* Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

* All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

* All resistors are in ohms
* F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS

* MF : μ F, PF : μ F

COILS


* MMH : mH, UH : μ H


* The components identified by **B** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
*A-1135-253-A B BOARD, COMPLETE *****				C112	1-102-971-00	CERAMIC 82PF	5% 50V
				C113	1-102-975-00	CERAMIC 220PF	5% 50V
				C114	1-123-332-00	ELECT 47MF	20X 16V
				C115	1-123-356-00	ELECT 10MF	20X 16V
				C117	1-123-356-00	ELECT 10MF	20X 25V
*3-538-178-00 HEAT SINK				C119	1-102-944-00	CERAMIC 7PF	0.5PF 50V
*4-364-755-01 TAPE, SHIELD				C120	1-102-944-00	CERAMIC 7PF	0.5PF 50V
CONNECTOR				C121	1-102-944-00	CERAMIC 7PF	0.5PF 50V
B1	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)		C122	1-102-944-00	CERAMIC 7PF	0.5PF 50V
B2	*1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P		C123	1-123-380-00	ELECT 1MF	20X 50V
B3	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C124	1-123-356-00	ELECT 10MF	20X 25V
B4	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)		C127	1-123-380-00	ELECT 1MF	20X 50V
B5	*1-560-156-00	PLUG, CONNECTOR (2.5MM PITCH)		C129	1-123-356-00	ELECT 10MF	20X 25V
B6	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)		C130	1-123-380-00	ELECT 1MF	20X 50V
B7	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C131	1-106-220-00	MYLAR 0.1MF	10X 100V
B8	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		C132	1-106-220-00	MYLAR 0.1MF	10X 100V
CAPACITOR				C133	1-123-332-00	ELECT 47MF	20X 16V
C003	1-123-356-00	ELECT 10MF	20X 25V	C134	1-102-944-00	CERAMIC 7PF	0.5PF 50V
C004	1-123-356-00	ELECT 10MF	20X 25V	C135	1-101-004-00	CERAMIC 0.01MF	50V
C005	1-123-356-00	ELECT 10MF	20X 25V	C136	1-101-880-00	CERAMIC 47PF	5% 50V
C006	1-123-356-00	ELECT 10MF	20X 25V	C137	1-102-959-00	CERAMIC 22PF	5% 50V
C007	1-123-356-00	ELECT 10MF	20X 25V	C138	1-101-004-00	CERAMIC 0.01MF	50V
C008	1-123-380-00	ELECT 1MF	20X 50V	C139	1-130-483-00	MYLAR 0.01MF	5% 50V
C009	1-106-383-00	MYLAR 0.047MF	10X 100V	C140	1-123-381-00	ELECT 2.2MF	20X 50V
C010	1-123-356-00	ELECT 10MF	20X 25V	C141	1-161-772-11	CERAMIC 0.1MF	10X 25V
C011	1-123-356-00	ELECT 10MF	20X 25V	C142	1-161-772-11	CERAMIC 0.1MF	10X 25V
C012	1-123-356-00	ELECT 10MF	20X 25V	C143	1-101-880-00	CERAMIC 47PF	5% 50V
C013	1-123-356-00	ELECT 10MF	20X 25V	C144	1-101-880-00	CERAMIC 47PF	5% 50V
C014	1-123-380-00	ELECT 1MF	20X 50V	C145	1-102-934-00	CERAMIC 1PF	0.25PF 50V
C015	1-106-383-00	MYLAR 0.047MF	10X 100V	C146	1-102-963-00	CERAMIC 33PF	5% 50V
C017	1-106-383-00	MYLAR 0.047MF	10X 100V	C147	1-101-004-00	CERAMIC 0.01MF	50V
C018	1-123-380-00	ELECT 1MF	20X 50V	C148	1-123-356-00	ELECT 10MF	20X 25V
C019	1-123-356-00	ELECT 10MF	20X 25V	C149	1-101-004-00	CERAMIC 0.01MF	50V
C020	1-123-356-00	ELECT 10MF	20X 25V	C150	1-101-004-00	CERAMIC 0.01MF	50V
C021	1-123-356-00	ELECT 10MF	20X 25V	C151	1-101-004-00	CERAMIC 0.01MF	50V
C022	1-123-356-00	ELECT 10MF	20X 25V	C152	1-101-004-00	CERAMIC 0.01MF	50V
C023	1-123-356-00	ELECT 10MF	20X 25V	C153	1-106-375-12	MYLAR 0.022MF	10X 100V
C024	1-123-356-00	ELECT 10MF	20X 25V	C155	1-102-946-00	CERAMIC 9PF	0.5PF 50V
C025	1-123-356-00	ELECT 10MF	20X 25V	C156	1-123-330-00	ELECT 22MF	20X 25V
C026	1-123-332-00	ELECT 47MF	20X 25V	C157	1-123-380-00	ELECT 1MF	20X 50V
C027	1-123-356-00	ELECT 10MF	20X 25V	C158	1-123-382-00	ELECT 3.3MF	20X 50V
C100	1-101-361-00	CERAMIC 150PF	5% 50V	C159	1-124-049-00	ELECT 0.47MF	20X 50V
C101	1-123-332-00	ELECT 47MF	20X 16V	C160	1-102-115-00	CERAMIC 560PF	10X 50V
C102	1-123-356-00	ELECT 10MF	20X 25V	C161	1-102-971-00	CERAMIC 82PF	5% 50V
C103	1-102-961-00	CERAMIC 27PF	5% 50V	C162	1-101-361-00	CERAMIC 150PF	5% 50V
C104	1-102-973-00	CERAMIC 100PF	5% 50V	C163	1-102-971-00	CERAMIC 82PF	5% 50V
C105	1-123-356-00	ELECT 10MF	20X 16V	C164	1-121-257-00	ELECT 4.7MF	5% 16V
C106	1-123-356-00	ELECT 10MF	20X 25V	C165	1-101-361-00	CERAMIC 150PF	5% 50V
C107	1-102-975-00	CERAMIC 220PF	5% 50V	C166	1-101-888-00	CERAMIC 68PF	5% 50V
C108	1-123-356-00	ELECT 10MF	20X 16V	C167	1-101-006-00	CERAMIC 0.047MF	50V
C109	1-102-959-00	CERAMIC 22PF	5% 50V	C169	1-106-220-00	MYLAR 0.1MF	10X 100V
C110	1-102-961-00	CERAMIC 27PF	5% 50V	C170	1-123-380-00	ELECT 1MF	20X 50V
C111	1-101-888-00	CERAMIC 68PF	5% 50V				

B


Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
<u>FUSE</u>				Q104	8-729-178-54	TRANSISTOR 2SC2785	
F201	1-532-624-11	FUSE, GLASS TUBE 0.5A/125V		Q105	8-729-178-54	TRANSISTOR 2SC2785	
<u>IC</u>				Q106	8-729-178-54	TRANSISTOR 2SC2785	
IC001	8-759-171-12	IC UPC7812H		Q107	8-729-178-54	TRANSISTOR 2SC2785	
IC101	8-752-006-10	IC CX20061		Q108	8-729-178-54	TRANSISTOR 2SC2785	
IC102	8-752-006-10	IC CX20061		Q109	8-729-117-54	TRANSISTOR 2SA1175	
IC103	8-759-113-65	IC UPC1365C		Q110	8-729-178-54	TRANSISTOR 2SC2785	
IC104	8-759-140-24	IC UPD0424BC		Q111	8-729-178-54	TRANSISTOR 2SC2785	
				Q114	8-729-313-42	TRANSISTOR 2SD1134	
				Q116	8-729-117-54	TRANSISTOR 2SA1175	
IC105	8-759-240-23	IC TC40238P		Q117	8-729-178-54	TRANSISTOR 2SC2785	
IC201	8-759-100-15	IC UPC1364C2		Q118	8-729-178-54	TRANSISTOR 2SC2785	
IC202	8-759-101-77	IC UPC1241H		Q120	8-729-178-54	TRANSISTOR 2SC2785	
IC203	8-759-610-95	IC CX095E		Q121	8-729-117-54	TRANSISTOR 2SA1175	
<u>TERMINAL BOARD</u>				Q122	8-729-178-54	TRANSISTOR 2SC2785	
J2	1-536-842-11	TERMINAL BOARD, INPUT/OUTPUT(A)		Q123	8-729-178-54	TRANSISTOR 2SC2785	
<u>COIL</u>				Q124	8-729-115-10	TRANSISTOR 2SK105A-10	
L101	1-408-412-00	INDUCTOR 18UH		Q125	8-729-178-54	TRANSISTOR 2SC2785	
L102	1-408-412-00	INDUCTOR 18UH		Q126	8-729-115-10	TRANSISTOR 2SK105A-10	
L103	1-408-411-00	INDUCTOR 15UH		Q127	8-729-115-10	TRANSISTOR 2SK105A-10	
L104	1-408-414-00	INDUCTOR 27UH		Q128	8-729-115-10	TRANSISTOR 2SK105A-10	
L105	1-408-414-00	INDUCTOR 27UH		Q129	8-729-178-54	TRANSISTOR 2SC2785	
L106	1-408-409-00	INDUCTOR 10UH		Q130	8-729-178-54	TRANSISTOR 2SC2785	
L107	1-408-413-00	INDUCTOR 22UH		Q131	8-729-115-10	TRANSISTOR 2SK105A-10	
L108	1-408-416-00	INDUCTOR 39UH		Q132	8-729-115-10	TRANSISTOR 2SK105A-10	
L110	1-408-412-00	INDUCTOR 18UH		Q133	8-729-178-54	TRANSISTOR 2SC2785	
L111	1-408-406-00	INDUCTOR 5.6UH		Q135	8-729-117-54	TRANSISTOR 2SA1175	
L112	1-408-602-21	INDUCTOR 8.2UH		Q136	8-729-117-54	TRANSISTOR 2SA1175	
L113	1-408-226-00	INDUCTOR 82UH		Q137	8-729-117-54	TRANSISTOR 2SA1175	
L114	1-408-419-00	INDUCTOR 68UH		Q138	8-729-117-54	TRANSISTOR 2SA1175	
L201	1-408-247-00	INDUCTOR 33MMH		Q139	8-729-178-54	TRANSISTOR 2SC2785	
L202	1-408-163-00	INDUCTOR 5.6MMH		Q140	8-729-117-54	TRANSISTOR 2SA1175	
L203	1-408-414-00	INDUCTOR 27UH		Q141	8-729-117-54	TRANSISTOR 2SA1175	
				Q142	8-729-117-54	TRANSISTOR 2SA1175	
				Q143	8-729-117-54	TRANSISTOR 2SA1175	
<u>TRANSISTOR</u>				Q144	8-729-178-54	TRANSISTOR 2SC2785	
Q001	8-729-178-54	TRANSISTOR 2SC2785		Q145	8-729-178-54	TRANSISTOR 2SC2785	
Q002	8-729-117-54	TRANSISTOR 2SA1175		Q148	8-729-178-54	TRANSISTOR 2SC2785	
Q003	8-729-117-54	TRANSISTOR 2SA1175		Q149	8-729-117-54	TRANSISTOR 2SA1175	
Q004	8-729-117-54	TRANSISTOR 2SA1175		Q150	8-729-117-54	TRANSISTOR 2SA1175	
Q005	8-729-178-54	TRANSISTOR 2SC2785		Q151	8-729-178-54	TRANSISTOR 2SC2785	
Q006	8-729-117-54	TRANSISTOR 2SA1175		Q152	8-729-178-54	TRANSISTOR 2SC2785	
Q007	8-729-117-54	TRANSISTOR 2SA1175		Q153	8-729-178-54	TRANSISTOR 2SC2785	
Q008	8-729-178-54	TRANSISTOR 2SC2785		Q154	8-729-178-54	TRANSISTOR 2SC2785	
Q009	8-729-117-54	TRANSISTOR 2SA1175		Q155	8-729-178-54	TRANSISTOR 2SC2785	
Q010	8-729-178-54	TRANSISTOR 2SC2785		Q159	8-729-117-54	TRANSISTOR 2SA1175	
<u>RESISTOR</u>				R002	1-247-713-11	CARBON 1K 5% 1/4W	
Q011	8-729-178-54	TRANSISTOR 2SC2785		R003	1-249-434-11	CARBON 27K 5% 1/4W	
Q012	8-729-117-54	TRANSISTOR 2SA1175		R004	1-249-424-11	CARBON 3.9K 5% 1/4W	
Q101	8-729-178-54	TRANSISTOR 2SC2785		R005	1-249-421-11	CARBON 2.2K 5% 1/4W	
Q102	8-729-178-54	TRANSISTOR 2SC2785		R006	1-249-439-11	CARBON 68K 5% 1/4W	
Q103	8-729-178-54	TRANSISTOR 2SC2785					


The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

B

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R007	1-249-433-11	CARBON	22K 5% 1/4W	R105	1-249-415-11	CARBON	680 5% 1/4W
R009	1-215-440-00	CARBON	6.2K 5% 1/4W	R106	1-249-423-11	CARBON	3.3K 5% 1/4W
R010	1-215-440-00	CARBON	6.2K 5% 1/4W	R107	1-249-426-11	CARBON	5.6K 5% 1/4W
R011	1-215-440-00	CARBON	6.2K 5% 1/4W	R108	1-249-429-11	CARBON	10K 5% 1/4W
R012	1-249-437-11	CARBON	47K 5% 1/4W	R109	1-249-413-11	CARBON	470 5% 1/4W
R013	1-249-440-11	CARBON	82K 5% 1/4W	R110	1-249-413-11	CARBON	470 5% 1/4W
R014	1-247-885-00	CARBON	180K 5% 1/4W	R111	1-249-421-11	CARBON	2.2K 5% 1/4W
R015	1-249-438-11	CARBON	56K 5% 1/4W	R112	1-249-415-11	CARBON	680 5% 1/4W
R016	1-249-417-11	CARBON	1K 5% 1/4W	R113	1-249-410-11	CARBON	270 5% 1/4W
R017	1-247-104-00	CARBON	75 5% 1/4W	R114	1-249-415-11	CARBON	680 5% 1/4W
R019	1-247-104-00	CARBON	75 5% 1/4W	R115	1-249-419-11	CARBON	1.5K 5% 1/4W
R020	1-249-434-11	CARBON	27K 5% 1/4W	R116	1-249-403-11	CARBON	68 5% 1/4W
R021	1-249-424-11	CARBON	3.9K 5% 1/4W	R117	1-249-415-11	CARBON	680 5% 1/4W
R022	1-249-433-11	CARBON	22K 5% 1/4W	R118	1-249-415-11	CARBON	680 5% 1/4W
R023	1-249-439-11	CARBON	68K 5% 1/4W	R119	1-249-405-11	CARBON	100 5% 1/4W
R024	1-215-440-00	CARBON	6.2K 5% 1/4W	R120	1-249-415-11	CARBON	680 5% 1/4W
R025	1-249-437-11	CARBON	47K 5% 1/4W	R121	1-249-415-11	CARBON	680 5% 1/4W
R026	1-249-466-11	CARBON	56K 5% 1/4W	R122	1-249-405-11	CARBON	100 5% 1/4W
R027	1-249-440-11	CARBON	82K 5% 1/4W	R123	1-249-417-11	CARBON	1K 5% 1/4W
R028	1-247-885-00	CARBON	180K 5% 1/4W	R124	1-249-413-11	CARBON	470 5% 1/4W
R029	1-249-429-11	CARBON	10K 5% 1/4W	R125	1-249-417-11	CARBON	1K 5% 1/4W
R030	1-247-885-00	CARBON	180K 5% 1/4W	R126	1-249-405-11	CARBON	100 5% 1/4W
R031	1-249-440-11	CARBON	82K 5% 1/4W	R127	1-249-415-11	CARBON	680 5% 1/4W
R032	1-249-437-11	CARBON	47K 5% 1/4W	R128	1-247-814-00	CARBON	200 5% 1/4W
R033	1-249-433-11	CARBON	22K 5% 1/4W	R129	1-249-419-11	CARBON	1.5K 5% 1/4W
R034	1-249-439-11	CARBON	68K 5% 1/4W	R130	1-249-415-11	CARBON	680 5% 1/4W
R035	1-249-417-11	CARBON	1K 5% 1/4W	R131	1-249-413-11	CARBON	470 5% 1/4W
R036	1-247-104-00	CARBON	75 5% 1/4W	R132	1-249-420-11	CARBON	1.8K 5% 1/4W
R037	1-249-434-11	CARBON	27K 5% 1/4W	R133	1-249-401-11	CARBON	47 5% 1/4W
R038	1-249-424-11	CARBON	3.9K 5% 1/4W	R135	1-215-406-00	CARBON	240 5% 1/4W
R039	1-215-440-00	CARBON	6.2K 5% 1/4W	R136	1-249-421-11	CARBON	2.2K 5% 1/4W
R040	1-249-439-11	CARBON	68K 5% 1/4W	R137	1-249-432-11	CARBON	18K 5% 1/4W
R041	1-247-104-00	CARBON	75 5% 1/4W	R138	1-249-423-11	CARBON	3.3K 5% 1/4W
R042	1-249-434-11	CARBON	27K 5% 1/4W	R140	1-249-433-11	CARBON	22K 5% 1/4W
R043	1-215-468-00	CARBON	91K 5% 1/4W	R141	1-249-433-11	CARBON	22K 5% 1/4W
R045	1-249-429-11	CARBON	10K 5% 1/4W	R143	1-249-405-11	CARBON	100 5% 1/4W
R046	1-249-428-11	CARBON	8.2K 5% 1/4W	R146	1-249-403-11	CARBON	68 5% 1/4W
R049	1-249-438-11	CARBON	56K 5% 1/4W	R147	1-249-419-11	CARBON	1.5K 5% 1/4W
R051	1-249-421-11	CARBON	2.2K 5% 1/4W	R148	1-249-419-11	CARBON	1.5K 5% 1/4W
R052	1-247-807-31	CARBON	100 5% 1/4W	R149	1-249-433-11	CARBON	22K 5% 1/4W
R053	1-249-437-11	CARBON	47K 5% 1/4W	R150	1-249-416-11	CARBON	820 5% 1/4W
R054	1-249-437-11	CARBON	47K 5% 1/4W	R151	1-249-413-11	CARBON	470 5% 1/4W
R055	1-249-440-11	CARBON	82K 5% 1/4W	R152	1-249-416-11	CARBON	820 5% 1/4W
R056	1-247-150-00	CARBON	6.2K 5% 1/4W	R153	1-249-423-11	CARBON	3.3K 5% 1/4W
R061	1-247-744-11	CARBON	270 5% 1/2W	R154	1-249-433-11	CARBON	22K 5% 1/4W
R062	1-247-714-11	CARBON	1.2K 5% 1/4W	R155	1-249-429-11	CARBON	10K 5% 1/4W
R063	1-249-397-11	CARBON	22 5% 1/4W	R156	1-249-435-11	CARBON	33K 5% 1/4W
R066	1-249-429-11	CARBON	10K 5% 1/4W	R157	1-249-435-11	CARBON	33K 5% 1/4W
R100	1-249-428-11	CARBON	8.2K 5% 1/4W	R158	1-249-439-11	CARBON	68K 5% 1/4W
R101	1-249-436-11	CARBON	39K 5% 1/4W	R159	1-249-415-11	CARBON	680 5% 1/4W
R102	1-247-815-31	CARBON	220 5% 1/4W	R160	1-249-436-11	CARBON	39K 5% 1/4W
R103	1-249-418-11	CARBON	1.2K 5% 1/4W	R161	1-249-429-11	CARBON	10K 5% 1/4W
R104	1-249-411-11	CARBON	330 5% 1/4W	R162	1-249-437-11	CARBON	47K 5% 1/4W

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B

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R165	1-215-493-00	CARBON	1M 5% 1/4W	R223	1-249-426-11	CARBON	5.6K 5% 1/4W
R167	1-249-419-11	CARBON	1.5K 5% 1/4W	R224	1-247-891-00	CARBON	330K 5% 1/4W
R168	1-249-435-11	CARBON	33K 5% 1/4W	R225	1-249-441-11	CARBON	100K 5% 1/4W
R170	1-249-431-11	CARBON	15K 5% 1/4W	R226	1-215-468-00	CARBON	91K 5% 1/4W
R171	1-249-441-11	CARBON	100K 5% 1/4W	R228	1-249-419-11	CARBON	1.5K 5% 1/4W
R173	1-249-425-11	CARBON	4.7K 5% 1/4W	R230	1-249-425-11	CARBON	4.7K 5% 1/4W
R176	1-247-887-00	CARBON	220K 5% 1/4W	R231	1-249-438-11	CARBON	56K 5% 1/4W
R177	1-249-441-11	CARBON	100K 5% 1/4W	R232	1-249-412-11	CARBON	390 5% 1/4W
R178	1-247-883-00	CARBON	150K 5% 1/4W	R233	1-249-409-11	CARBON	220 5% 1/4W
R179	1-249-439-11	CARBON	68K 5% 1/4W	R234	1-249-409-11	CARBON	220 5% 1/4W
R180	1-249-417-11	CARBON	1K 5% 1/4W	R235	1-249-413-11	CARBON	470 5% 1/4W
R181	1-249-429-11	CARBON	10K 5% 1/4W	R236	1-249-405-11	CARBON	100 5% 1/4W
R182	1-249-437-11	CARBON	47K 5% 1/4W	R237	1-249-409-11	CARBON	220 5% 1/4W
R183	1-249-423-11	CARBON	3.3K 5% 1/4W	R238	1-249-435-11	CARBON	33K 5% 1/4W
R184	1-249-418-11	CARBON	1.2K 5% 1/4W	R239	1-249-440-11	CARBON	82K 5% 1/4W
R185	1-249-440-11	CARBON	82K 5% 1/4W	R240	1-249-422-11	CARBON	2.7K 5% 1/4W
R186	1-249-413-11	CARBON	470 5% 1/4W	R241	1-249-433-11	CARBON	22K 5% 1/4W
R187	1-249-434-11	CARBON	27K 5% 1/4W	R242	1-215-444-00	CARBON	9.1K 5% 1/4W
R188	1-249-435-11	CARBON	33K 5% 1/4W	R243	1-249-430-11	CARBON	12K 5% 1/4W
R189	1-249-439-11	CARBON	68K 5% 1/4W	R244	1-249-423-11	CARBON	3.3K 5% 1/4W
R190	1-249-435-11	CARBON	33K 5% 1/4W	R245	1-249-426-11	CARBON	5.6K 5% 1/4W
R191	1-249-437-11	CARBON	47K 5% 1/4W	R246	1-249-429-11	CARBON	10K 5% 1/4W
R192	1-249-421-11	CARBON	2.2K 5% 1/4W	R247	1-249-431-11	CARBON	15K 5% 1/4W
R193	1-249-424-11	CARBON	3.9K 5% 1/4W	R248	1-249-421-11	CARBON	2.2K 5% 1/4W
R194	1-249-431-11	CARBON	15K 5% 1/4W	R249	1-249-437-11	CARBON	47K 5% 1/4W
R195	1-249-421-11	CARBON	2.2K 5% 1/4W	R250	1-247-885-00	CARBON	180K 5% 1/4W
R196	1-249-434-11	CARBON	27K 5% 1/4W	R251	1-249-426-11	CARBON	5.6K 5% 1/4W
R197	1-249-415-11	CARBON	680 5% 1/4W	R252	1-249-428-11	CARBON	8.2K 5% 1/4W
R198	1-249-415-11	CARBON	680 5% 1/4W	R253	1-249-423-11	CARBON	3.3K 5% 1/4W
R199	1-249-417-11	CARBON	1K 5% 1/4W	R254	1-249-429-11	CARBON	10K 5% 1/4W
R200	1-249-433-11	CARBON	22K 5% 1/4W	R255	1-249-417-11	CARBON	1K 5% 1/4W
R201	1-215-493-00	CARBON	1M 5% 1/4W	R256	1-249-429-11	CARBON	8.2K 5% 1/4W
R202	1-215-493-00	CARBON	1M 5% 1/4W	R258	1-249-421-11	CARBON	2.2K 5% 1/4W
R203	1-249-429-11	CARBON	10K 5% 1/4W	R259	1-249-428-11	CARBON	8.2K 5% 1/4W
R204	1-249-429-11	CARBON	10K 5% 1/4W	R260	1-249-439-11	CARBON	68K 5% 1/4W
R205	1-249-429-11	CARBON	10K 5% 1/4W	R261	1-249-429-11	CARBON	10K 5% 1/4W
R206	1-249-439-11	CARBON	68K 5% 1/4W	R262	1-249-441-11	CARBON	100K 5% 1/4W
R207	1-249-409-11	CARBON	220 5% 1/4W	R263	1-249-429-11	CARBON	10K 5% 1/4W
R208	1-249-429-11	CARBON	10K 5% 1/4W	R264	1-249-439-11	CARBON	68K 5% 1/4W
R209	1-249-435-11	CARBON	33K 5% 1/4W	R265	1-249-429-11	CARBON	10K 5% 1/4W
R210	1-249-409-11	CARBON	220 5% 1/4W	R266	1-249-429-11	CARBON	10K 5% 1/4W
R211	1-249-409-11	CARBON	220 5% 1/4W	R267	1-249-439-11	CARBON	68K 5% 1/4W
R212	1-249-424-11	CARBON	3.9K 5% 1/4W	R268	1-249-439-11	CARBON	68K 5% 1/4W
R213	1-249-409-11	CARBON	220 5% 1/4W	R269	1-249-429-11	CARBON	10K 5% 1/4W
R214	1-249-409-11	CARBON	220 5% 1/4W	R270	1-249-415-11	CARBON	680 5% 1/4W
R215	1-249-425-11	CARBON	4.7K 5% 1/4W	R271	1-249-469-11	CARBON	100K 5% 1/4W
R216	1-249-441-11	CARBON	100K 5% 1/4W	R272	1-246-517-25	CARBON	68K 5% 1/4W
R217	1-249-441-11	CARBON	100K 5% 1/4W	R273	1-202-463-00	SOLID	2.2M 5% 1/4W
R218	1-249-429-11	CARBON	10K 5% 1/4W	R274	1-249-465-11	CARBON	47K 5% 1/4W
R219	1-249-426-11	CARBON	5.6K 5% 1/4W	R275	1-249-429-11	CARBON	10K 5% 1/4W
R220	1-249-435-11	CARBON	33K 5% 1/4W	R276	1-249-431-11	CARBON	15K 5% 1/4W
R221	1-215-458-00	CARBON	36K 5% 1/4W	R277	1-249-416-11	CARBON	820 5% 1/4W
R222	1-249-439-11	CARBON	68K 5% 1/4W	R278	1-249-421-11	CARBON	2.2K 5% 1/4W

B	F
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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R279	1-246-509-25	CARBON	33K 5% 1/4W	RV105	1-226-852-00	RES, ADJ, CARBON 22K	
R280	1-249-437-11	CARBON	47K 5% 1/4W	RV106	1-226-849-00	RES, ADJ, CARBON 3.3K	
R281	1-249-431-11	CARBON	15K 5% 1/4W	RV107	1-228-774-00	RES, 10K	
R282	1-249-421-11	CARBON	2.2K 5% 1/8W	RV108	1-226-850-00	RES, ADJ, CARBON 4.7K	
R283	1-249-425-11	CARBON	4.7K 5% 1/4W	RV109	1-226-850-00	RES, ADJ, CARBON 4.7K	
R284	1-249-428-11	CARBON	8.2K 5% 1/4W	RV110	1-226-846-00	RES, ADJ, CARBON 470	
R285	1-249-423-11	CARBON	3K 5% 1/4W	RV111	1-226-853-00	RES, ADJ, CARBON 47K	
R286	1-249-423-11	CARBON	3.3K 5% 1/4W				
R287	1-215-493-00	CARBON	1M 5% 1/4W			SWITCH	
R288	1-249-441-11	CARBON	100K 5% 1/4W	S1	1-553-725-00	SWITCH, SLIDE	
R290	1-249-429-11	CARBON	10K 5% 1/4W	S2	1-553-725-00	SWITCH, SLIDE	
R291	1-249-429-11	CARBON	10K 5% 1/4W	S3	1-553-725-00	SWITCH, SLIDE	
R292	1-249-447-11	CARBON	1 5% 1/4W				
R293	1-249-422-11	CARBON	2.7K 5% 1/4W			TRANSFORMER	
R294	1-249-405-11	CARBON	100 5% 1/4W	T101	1-408-513-00	COIL (VARIABLE)	
R295	1-249-429-11	CARBON	10K 5% 1/4W	T102	1-409-193-00	COIL 3.58MHZ TRAP	
R296	1-249-469-11	CARBON	100K 5% 1/4W	T103	1-409-193-00	COIL 3.58MHZ TRAP	
R297	1-249-437-11	CARBON	47K 5% 1/4W	T104	1-404-081-00	TRANSFORMER, DELAY ADJUST	
R298	1-249-437-11	CARBON	47K 5% 1/4W	T201	1-404-146-00	TRANSFORMER	
R299	1-249-413-11	CARBON	470 5% 1/4W	T202	1-408-532-00	COIL, VARIABLE	
				T203	1-408-532-00	COIL, VARIABLE	
R301	1-247-658-11	CARBON	47K 5% 1/4W	T204	1-408-513-00	COIL (VARIABLE)	
R302	1-249-437-11	CARBON	47K 5% 1/4W				
R303	1-249-415-11	CARBON	680 5% 1/4W			THERMISTOR	
R304	1-249-415-11	CARBON	680 5% 1/4W	TH101	1-800-070-XX	THERMISTOR TH-4700	
R305	1-249-415-11	CARBON	680 5% 1/4W	TH201	1-800-626-00	THERMISTOR	
R306	1-247-883-00	CARBON	150K 5% 1/4W			CRYSTAL	
R307	1-249-411-11	CARBON	330 5% 1/4W	X101	1-567-505-11	OSCILLATOR, CRYSTAL	
R308	1-249-434-11	CARBON	27K 5% 1/4W	X102	1-567-504-11	OSCILLATOR, CRYSTAL	
R309	1-249-409-11	CARBON	220 5% 1/4W				
R310	1-249-423-11	CARBON	3.3K 5% 1/4W				
R311	1-215-462-00	CARBON	51K 5% 1/4W				
R312	1-249-421-11	CARBON	2.2K 5% 1/4W				
R313	1-249-425-11	CARBON	4.7K 5% 1/4W				
R314	1-249-435-11	CARBON	33K 5% 1/4W				
R315	1-249-419-11	CARBON	1.5K 5% 1/4W				
R316	1-249-419-11	CARBON	1.5K 5% 1/4W				
R317	1-247-711-11	CARBON	680 5% 1/4W				
R318	1-249-408-11	CARBON	180 5% 1/4W				
R319	1-249-413-11	CARBON	470 5% 1/4W				
R322	1-249-427-11	CARBON	6.8K 5% 1/4W				
R324	1-247-711-11	CARBON	680 5% 1/4W				
R325	1-249-429-11	CARBON	10K 5% 1/4W				
R326	1-249-424-11	CARBON	3.9K 5% 1/4W				
R328	1-249-420-11	CARBON	1.8K 5% 1/4W				
R329	1-249-424-11	CARBON	3.9K 5% 1/4W				
R332	1-249-438-11	CARBON	56K 5% 1/4W				
R348	1-249-430-11	CARBON	12K 5% 1/4W				
R349	1-249-429-11	CARBON	10K 5% 1/4W				


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F

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C617	1-102-125-00	CERAMIC	0.0047MF 10X 50V	CONNECTOR			
C619	1-106-351-00	MYLAR	0.0022MF 10X 100V	F1	*1-506-348-XX	3P PLUG (L)	
C621	1-123-356-00	ELECT	10MF 20X 16V	F3	1-508-765-00	3P PLUG (M)	
C622	1-102-121-00	CERAMIC	0.0022MF 10X 50V	F4	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C623	1-101-004-00	CERAMIC	0.01MF 50V	F6	1-508-766-00	4P PLUG (M)	
C624	1-123-381-00	ELECT	2.2MF 20X 50V	F7	*1-560-124-00	PLUG, CONNECTOR (2.5MM PITCH)	
C625	1-123-380-00	ELECT	1MF 20X 50V	F8	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C626	1-102-095-00	CERAMIC	330PF 10X 1KV	FUSE			
C627	1-123-024-00	ELECT	33MF 160V	F601	A-1-532-656-11	FUSE, GLASS TUBE 6.3A/125V	
C628	1-123-024-00	ELECT	33MF 160V		1-533-087-00	HOLDER, FUSE; F601	
C629	1-123-360-00	ELECT	100MF 20X 50V	IC			
C630	1-123-998-00	ELECT	470MF 20X 25V	IC601	8-759-100-75	IC UPC1394C	
C631	1-123-998-00	ELECT	470MF 20X 25V	COIL			
C632	1-126-103-11	ELECT	470MF 20X 16V	L601	1-408-225-00	INDUCTOR 3.3UH	
C635	1-102-123-00	CERAMIC	0.0033MF 10X 50V	L602	1-407-365-00	COIL, CHOKE (HIGH FREQUENCY)	
C640	A-1-161-953-51	CERAMIC	0.0047MF 20X 400V	L603	1-407-687-00	INDUCTOR 3.3UH	
C643	1-123-333-00	ELECT	100MF 20X 16V	L609	1-459-155-00	COIL (WITH CORE) 45UH	
C644	1-123-334-00	ELECT	220MF 20X 25V	L610	1-459-155-00	COIL (WITH CORE) 45UH	
C645	1-123-334-00	ELECT	220MF 20X 25V	L612	1-459-155-00	COIL (WITH CORE) 45UH	
C646	1-123-359-00	ELECT	47MF 20X 50V	L613	1-407-687-00	INDUCTOR 3.3UH	
C647	1-123-024-00	ELECT	33MF 160V	L615	1-407-364-00	COIL, SPOOK CHOKE 3.3UH	
C648	A-1-161-742-12	CERAMIC	0.0022MF 20X 400V	TRANSISTOR			
C649	A-1-161-742-12	CERAMIC	0.0022MF 20X 400V	Q601	8-729-168-82	TRANSISTOR 2SC2688	
C650	A-1-108-745-52	MYLAR	0.22MF 20X 125V	Q602	A-8-729-313-81	TRANSISTOR 2SD139-B	
C655	1-123-027-00	ELECT	2.2MF 250V		*4-347-706-00	HEAT SINK (TR); Q602	
C656	1-101-004-00	CERAMIC	0.01MF 50V	Q603	A-8-729-374-01	TRANSISTOR 2SB740-2	
C657	1-101-004-00	CERAMIC	0.01MF 50V	Q604	A-8-729-177-43	TRANSISTOR 2SD774-4	
C658	1-106-393-00	MYLAR	0.047MF 10X 200V		4-363-414-00	SPACER, MICA; Q605	
C659	1-102-820-00	CERAMIC	330PF 5X 50V	Q605	A-8-729-502-07	TRANSISTOR 2SD1403-CA	
C660	1-101-004-00	CERAMIC	0.01MF 50V		*4-367-204-00	HOLDER (REG CUT); TRANSFORMER; Q605	
C665	1-123-356-00	ELECT	10MF 20X 25V	Q606	A-8-729-177-43	TRANSISTOR 2SD774-4	
DIODE				RESISTOR			
D601	8-719-503-06	DIODE 5W860Z		R601	A-1-202-727-51	SOLID 4.7M 10X 1/2W	
D602	A-8-719-100-77	DIODE 1018E-B2		R602	A-1-202-730-11	SOLID 8.2M 10X 1/2W	
D603	8-719-911-55	DIODE U06G		R603	1-244-919-51	CARBON 82K 5X 1/2W	
D604	8-719-901-58	DIODE RGP15J		R604	1-206-671-00	METAL OXIDE 2K 5X 2W F	
D605	A-8-719-901-58	DIODE RGP15J		R605	1-249-425-11	CARBON 4.7K 5X 1/4W	
D606	A-8-719-301-34	DIODE GN-3		R606	A-1-217-266-11	WIREWOUND 27K 10X 3W F	
D607	8-719-900-76	DIODE RH1A		R607	A-1-247-805-31	CARBON 82 5X 1/4W F	
D608	8-719-102-74	DIODE R06.2E-N2		R608	1-217-189-21	WIREWOUND 0.12 10X 2W F	
D609	8-719-901-83	DIODE 1SS83		R609	1-207-692-00	WIREWOUND 680 10X 5W F	
D610	8-719-100-86	DIODE R022E-B2		R610	1-207-692-00	WIREWOUND 680 10X 5W F	
D611	8-719-901-83	DIODE 1SS83		R611	1-213-145-00	METAL OXIDE 1.5K 5X 1W F	
D612	8-719-900-26	DIODE ER029-08J		R612	1-215-460-00	CARBON 43K 5X 1/4W	
D613	8-719-918-77	DIODE V19G		R613	1-249-411-11	CARBON 330 5X 1/4W	
D614	8-719-918-77	DIODE V19G		R614	1-215-437-00	METAL 4.7K 1X 1/6W	
D615	8-719-981-00	DIODE ERC81-004		R615	1-215-437-00	METAL 4.7K 1X 1/6W	
D616	8-719-981-00	DIODE ERC81-004					
D618	8-719-911-19	DIODE 1SS119					

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F	F2	Q
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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R616	1-249-423-11	CARBON	3.3K 5% 1/4W	DIODE			
R618	1-247-881-00	CARBON	120K 5% 1/4W	D617	8-729-101-31	TRANSISTOR N13T1	
R619	1-247-895-00	CARBON	470K 5% 1/4W	D620	8-719-102-90	DIODE 8010E-N2	
R620	1-249-434-11	CARBON	27K 5% 1/4W	TRANSISTOR			
R621	1-249-429-11	CARBON	10K 5% 1/4W	Q609	8-729-178-54	TRANSISTOR 2SC2785	
R622	1-215-441-00	METAL	6.8K 1% 1/6W	RESISTOR			
R624	1-215-456-00	METAL	30K 1% 1/6W	R655	1-244-919-51	CARBON	82K 5% 1/2W
R625	1-249-429-11	CARBON	10K 5% 1/4W	R656	1-249-433-11	CARBON	22K 5% 1/4W
R626	1-249-405-11	CARBON	100 5% 1/4W	R657	1-249-405-11	CARBON	100 5% 1/4W
R627	1-249-437-11	CARBON	47K 5% 1/4W	R658	1-247-883-00	CARBON	150K 5% 1/4W
R628	1-249-417-11	CARBON	1K 5% 1/4W	*****			
R629	1-249-416-11	CARBON	820 5% 1/4W	*A-1275-055-A Q BOARD, COMPLETE			
R630	1-249-409-11	CARBON	220 5% 1/4W	*****			
R631	1-213-163-00	METAL OXIDE	47K 5% 1W F	1-536-843-11	TERMINAL BOARD, INPUT/OUTPUT(B)		
R632	1-247-033-11	CARBON	100 5% 1/8W F	4-603-275-00	LOCK, SCREW		
R640	1-212-352-00	METAL OXIDE	0.22 5% 1W F	CAPACITOR			
R643	1-212-352-61	METAL OXIDE	0.22 5% 1W F	C402	1-123-356-00	ELECT	10MF 20K 25V
R644	1-217-418-21	FUSIBLE	0.47 10K 1/2W F	C403	1-102-949-00	CERAMIC	12PF 5% 50V
R645	1-216-345-11	METAL OXIDE	0.47 5% 1W F	C405	1-123-380-00	ELECT	1MF 20K 50V
R646	1-216-345-11	METAL OXIDE	0.47 5% 1W F	C407	1-123-356-00	ELECT	10MF 20K 25V
R647	1-212-352-00	METAL OXIDE	0.22 5% 1W F	C408	1-102-949-00	CERAMIC	12PF 5% 50V
R648	1-202-841-00	SOLD	180K 10% 1/2W	C410	1-123-380-00	ELECT	1MF 20K 50V
R649	1-202-433-35	SOLD	120K 10% 1/4W	C412	1-123-356-00	ELECT	10MF 20K 25V
R650	1-249-417-11	CARBON	1K 5% 1/4W	C413	1-102-949-00	CERAMIC	12PF 5% 50V
R655	1-249-433-11	CARBON	22K 5% 1/4W	C415	1-123-380-00	ELECT	1MF 20K 50V
R659	1-217-249-11	WIREWOUND	10K 5% 3W F	C417	1-123-332-00	ELECT	47MF 20K 25V
R660	1-247-692-11	CARBON	22 5% 1/4W F	C419	1-106-383-00	MYLAR	0.047MF 10K 100V
R665	1-249-466-11	CARBON	56K 5% 1/4W	C420	1-123-380-00	ELECT	1MF 20K 50V
R666	1-249-397-11	CARBON	22 5% 1/8W F	C422	1-106-383-00	MYLAR	0.047MF 10K 100V
VARIABLE RESISTOR				C423	1-123-380-00	ELECT	1MF 20K 50V
RV601	1-224-249-XX	RES, ADJ, METAL GLAZE 1K		C424	1-126-103-11	ELECT	470MF 20K 16V
TRANSFORMER				C426	1-123-234-00	ELECT	10MF 20K 50V
T601	1-421-556-21	TRANSFORMER, LINE FILTER (LFT)		C428	1-123-234-00	ELECT	10MF 20K 50V
T602	1-421-556-21	TRANSFORMER, LINE FILTER (LFT)		C430	1-123-234-00	ELECT	10MF 20K 50V
T603	1-421-692-11	SMT		C432	1-123-332-00	ELECT	47MF 20K 25V
T604	1-421-678-11	TRANSFORMER, PULS		C433	1-123-356-00	ELECT	10MF 20K 25V
THERMISTOR				C434	1-102-820-00	CERAMIC	330PF 5% 50V
THP601A	1-800-686-32	THERMISTOR (POSITIVE)		C435	1-123-332-00	ELECT	47MF 20K 25V
THP602	1-806-449-11	THERMISTOR (POSITIVE)		C436	1-101-006-00	CERAMIC	0.047MF 50V
*****				C437	1-123-234-00	ELECT	10MF 20K 50V
*1-613-847-11	F2 BOARD			C438	1-123-369-00	ELECT	4.7MF 20K 25V
*****				C441	1-101-006-00	CERAMIC	0.047MF 50V
*1-564-315-00	PIN ASSY, BOARD TO BOARD 7P			C443	1-106-383-00	MYLAR	0.047MF 10K 100V
CAPACITOR				C444	1-106-367-00	MYLAR	0.01MF 10K 100V
C655	1-123-381-00	ELECT	2.2MF 20K 50V	C446	1-123-379-00	ELECT	0.47MF 20K 50V
				C447	1-123-379-00	ELECT	0.47MF 20K 50V
				C448	1-123-379-00	ELECT	0.47MF 20K 50V

- The components identified by **Δ** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

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Q

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C452	1-123-382-00	ELECT	3.3MF 20%	50V	D426	8-719-109-93	D100E R06.2E5-B2
C453	1-123-228-00	ELECT	1MF 20%	50V	D427	8-719-109-93	D100E R06.2E5-B2
C455	1-101-006-00	CERAMIC	0.047MF	50V	D428	8-719-109-93	D100E R06.2E5-B2
C457	1-102-820-00	CERAMIC	330PF	5%	D435	8-719-911-19	D100E 1SS119
C459	1-102-820-00	CERAMIC	330PF	5%	D436	8-719-911-19	D100E 1SS119
C461	1-102-820-00	CERAMIC	330PF	5%	D437	8-719-911-19	D100E 1SS119
C463	1-123-366-00	ELECT	10MF	20%			
C464	1-123-332-00	ELECT	47MF	20%			
C466	1-123-332-00	ELECT	47MF	20%			
C467	1-101-006-00	CERAMIC	0.047MF	50V			
C468	1-101-006-00	CERAMIC	0.047MF	50V			
C469	1-106-367-00	MYLAR	0.01MF	10%			
C489	1-123-332-00	ELECT	47MF	20%			
C490	1-123-332-00	ELECT	47MF	20%			
C491	1-123-332-00	ELECT	47MF	20%			
C492	1-123-332-00	ELECT	47MF	20%			
C493	1-101-361-00	CERAMIC	150PF	5%			
C494	1-106-367-00	MYLAR	0.01MF	10%			
C495	1-101-006-00	CERAMIC	0.047MF	50V			
C497	1-123-366-00	ELECT	10MF	20%			
<u>CONNECTOR</u>				<u>FUSE</u>			
CN407	*1-562-243-00	CONNECTOR 25P		F401	A-1-532-580-11	FUSE, GLASS TUBE 0.5A/125V	
Q1	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P			1-533-087-00	HOLDER, FUSE; F401	
Q2	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P		F402	A-1-532-536-11	FUSE, GLASS-TUBE 1A/125V	
Q3	*1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P			1-533-087-00	HOLDER, FUSE; F402	
Q4	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P		F403	A-1-532-580-11	FUSE, GLASS TUBE 0.5A/125V	
Q5	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P			1-533-087-00	HOLDER, FUSE; F403	
Q7	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)		F404	A-1-532-580-11	FUSE, GLASS TUBE 0.5A/125V	
<u>DIODE</u>					1-533-087-00	HOLDER, FUSE; F404	
D401	8-719-911-19	D100E 1SS119		<u>IC</u>			
D402	8-719-911-19	D100E 1SS119		IC401	8-752-201-90	IC CX22019	
D403	8-719-911-19	D100E 1SS119		IC402	8-759-900-09	IC SN74LS09N	
D404	8-719-100-38	D100E R06.2E-B2		IC403	8-759-901-36	IC SN74LS136N	
D405	8-719-100-38	D100E R06.2E-B2		IC404	8-759-900-08	IC SN74LS08N	
D406	8-719-100-38	D100E R06.2E-B2		IC405	8-759-900-08	IC SN74LS08N	
D407	8-719-100-38	D100E R06.2E-B2		IC406	8-759-900-04	IC SN74LS04N	
D408	8-719-911-19	D100E 1SS119		IC407	8-759-900-00	IC SN74LS00N	
D409	8-719-911-19	D100E 1SS119		IC408	8-759-900-20	IC SN74LS20N	
D410	8-719-911-19	D100E 1SS119		IC409	8-759-901-38	IC SN74LS138N	
D411	8-719-911-19	D100E 1SS119		REG401A	8-759-171-05	IC UPC7805H	
D412	8-719-911-19	D100E 1SS119		REG402A	8-759-171-12	IC UPC7812H	
D414	8-719-911-19	D100E 1SS119		<u>COIL</u>			
D415	8-719-911-19	D100E 1SS119		L401	1-408-602-21	INDUCTOR 8.2UH	
D416	8-719-911-19	D100E 1SS119		L402	1-408-602-21	INDUCTOR 8.2UH	
D418	8-719-100-38	D100E R06.2E-B2		L403	1-408-602-21	INDUCTOR 8.2UH	
D419	8-719-100-38	D100E R06.2E-B2		L407	1-408-163-00	INDUCTOR 5.6MH	
D420	8-719-911-19	D100E 1SS119		<u>TRANSISTOR</u>			
D422	8-719-100-38	D100E R06.2E-B2		Q401	8-729-117-54	TRANSISTOR 2SA1175	
D423	8-719-100-23	D100E R04.3E-B2		Q402	A-8-729-101-37	TRANSISTOR 2SC2785TP-F	
D424	8-719-911-19	D100E 1SS119		Q403	8-729-117-54	TRANSISTOR 2SA1175	
D425	8-719-100-38	D100E R06.2E-B2		Q404	A-8-729-101-37	TRANSISTOR 2SC2785TP-F	
				Q405	8-729-117-54	TRANSISTOR 2SA1175	
				Q406	A-8-729-101-37	TRANSISTOR 2SC2785TP-F	
				Q407	8-729-117-54	TRANSISTOR 2SA1175	
				Q408	8-729-117-54	TRANSISTOR 2SA1175	
				Q409	8-729-178-54	TRANSISTOR 2SC2785	
				Q410	8-729-117-54	TRANSISTOR 2SA1175	
				Q411	8-729-178-54	TRANSISTOR 2SC2785	
				Q412	8-729-178-54	TRANSISTOR 2SC2785	
				Q413	8-729-178-54	TRANSISTOR 2SC2785	
				Q414	8-729-117-54	TRANSISTOR 2SA1175	
				Q415	8-729-178-54	TRANSISTOR 2SC2785	

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.


Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.


Q

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
Q416	8-729-178-54	TRANSISTOR 2SC2785		R371	1-249-423-11	CARBON 3.3K 5%	1/4W
Q417	8-729-178-54	TRANSISTOR 2SC2785		R372	1-247-719-11	CARBON 3.3K 5%	1/4W
Q418	8-729-117-54	TRANSISTOR 2SA1175		R373	1-246-537-00	CARBON 470K 5%	1/4W
Q419	8-729-178-54	TRANSISTOR 2SC2785		R374	1-249-437-11	CARBON 47K 5%	1/4W
Q420	8-729-178-54	TRANSISTOR 2SC2785		R377	1-249-424-11	CARBON 3.9K 5%	1/4W
Q421	8-729-101-37	TRANSISTOR 2SC2785TP-F		R378	1-249-429-11	CARBON 10K 5%	1/4W
Q422	8-729-178-54	TRANSISTOR 2SC2785		R379	1-247-711-11	CARBON 680 5%	1/4W
Q423	8-729-178-54	TRANSISTOR 2SC2785		R401	1-247-104-00	CARBON 75 5%	1/4W
Q424	8-729-117-54	TRANSISTOR 2SA1175		R402	1-247-713-11	CARBON 1K 5%	1/4W
Q425	8-729-178-54	TRANSISTOR 2SC2785		R403	1-215-468-00	CARBON 91K 5%	1/4W
Q426	8-729-178-54	TRANSISTOR 2SC2785		R404	1-249-418-11	CARBON 1.2K 5%	1/4W
Q429	8-729-178-54	TRANSISTOR 2SC2785		R405	1-249-434-11	CARBON 27K 5%	1/4W
Q430	8-729-117-54	TRANSISTOR 2SA1175		R406	1-249-428-11	CARBON 8.2K 5%	1/4W
Q431	8-729-178-54	TRANSISTOR 2SC2785		R407	1-249-416-11	CARBON 820 5%	1/4W
Q433	8-729-178-54	TRANSISTOR 2SC2785		R408	1-247-104-00	CARBON 75 5%	1/4W
Q434	8-729-117-54	TRANSISTOR 2SA1175		R409	1-247-713-11	CARBON 1K 5%	1/4W
Q435	8-729-117-54	TRANSISTOR 2SA1175		R410	1-215-468-00	CARBON 91K 5%	1/4W
Q442	8-729-178-54	TRANSISTOR 2SC2785		R411	1-249-418-11	CARBON 1.2K 5%	1/4W
Q443	8-729-178-54	TRANSISTOR 2SC2785		R412	1-249-434-11	CARBON 27K 5%	1/4W
Q444	8-729-178-54	TRANSISTOR 2SC2785		R413	1-249-428-11	CARBON 8.2K 5%	1/4W
Q445	8-729-117-54	TRANSISTOR 2SA1175		R414	1-249-416-11	CARBON 820 5%	1/4W
Q446	8-729-117-54	TRANSISTOR 2SA1175		R415	1-247-104-00	CARBON 75 5%	1/4W
Q447	8-729-178-54	TRANSISTOR 2SC2785		R416	1-247-713-11	CARBON 1K 5%	1/4W
Q448	8-729-117-54	TRANSISTOR 2SA1175		R417	1-215-468-00	CARBON 91K 5%	1/4W
Q449	8-729-178-54	TRANSISTOR 2SC2785		R418	1-249-418-11	CARBON 1.2K 5%	1/4W
Q450	8-729-117-54	TRANSISTOR 2SA1175		R419	1-249-434-11	CARBON 27K 5%	1/4W
Q451	8-729-178-54	TRANSISTOR 2SC2785		R420	1-249-428-11	CARBON 8.2K 5%	1/4W
Q452	8-729-117-54	TRANSISTOR 2SA1175		R421	1-249-416-11	CARBON 820 5%	1/4W
Q453	8-729-178-54	TRANSISTOR 2SC2785		R422	1-249-466-11	CARBON 56K 5%	1/4W
Q454	8-729-117-54	TRANSISTOR 2SA1175		R423	1-247-885-00	CARBON 180K 5%	1/4W
Q455	8-729-178-54	TRANSISTOR 2SC2785		R424	1-249-440-11	CARBON 82K 5%	1/4W
Q456	8-729-178-54	TRANSISTOR 2SC2785		R425	1-249-437-11	CARBON 47K 5%	1/4W
Q457	8-729-117-54	TRANSISTOR 2SA1175		R426	1-249-427-11	CARBON 6.8K 5%	1/4W
				R427	1-249-425-11	CARBON 4.7K 5%	1/4W
				R428	1-249-466-11	CARBON 56K 5%	1/4W
				R429	1-247-885-00	CARBON 180K 5%	1/4W
				R430	1-249-440-11	CARBON 82K 5%	1/4W
				R431	1-249-437-11	CARBON 47K 5%	1/4W
				R432	1-249-427-11	CARBON 6.8K 5%	1/4W
				R433	1-249-425-11	CARBON 4.7K 5%	1/4W
				R434	1-247-807-315	CARBON 100 5%	1/4W
				R435	1-249-441-11	CARBON 100K 5%	1/4W
				R436	1-246-445-00	CARBON 68 5%	1/4W
				R437	1-247-713-11	CARBON 1K 5%	1/4W
				R438	1-249-421-11	CARBON 2.2K 5%	1/4W
				R439	1-247-725-11	CARBON 10K 5%	1/4W
				R440	1-215-468-00	CARBON 91K 5%	1/4W
				R442	1-249-434-11	CARBON 27K 5%	1/4W
				R443	1-249-428-11	CARBON 8.2K 5%	1/4W
				R444	1-246-445-00	CARBON 68 5%	1/4W
				R445	1-247-713-11	CARBON 1K 5%	1/4W
				R446	1-249-421-11	CARBON 2.2K 5%	1/4W
				R447	1-247-725-11	CARBON 10K 5%	1/4W

RESISTOR


R351	1-249-429-11	CARBON	10K 5%	1/4W
R352	1-249-409-11	CARBON	220 5%	1/4W
R353	1-249-429-11	CARBON	10K 5%	1/4W
R354	1-249-409-11	CARBON	220 5%	1/4W
R355	1-249-405-11	CARBON	100 5%	1/4W
R356	1-247-711-11	CARBON	680 5%	1/4W
R357	1-247-711-11	CARBON	680 5%	1/4W
R358	1-249-415-11	CARBON	680 5%	1/4W
R359	1-249-415-11	CARBON	680 5%	1/4W
R361	1-247-711-11	CARBON	680 5%	1/4W
R362	1-247-711-11	CARBON	680 5%	1/4W
R364	1-249-415-11	CARBON	680 5%	1/4W
R365	1-247-711-11	CARBON	680 5%	1/4W
R366	1-246-457-00	CARBON	220 5%	1/4W
R367	1-246-457-00	CARBON	220 5%	1/4W
R368	1-249-429-11	CARBON	10K 5%	1/4W
R369	1-249-409-11	CARBON	220 5%	1/4W
R370	1-249-409-11	CARBON	220 5%	1/4W


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Q

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R448	1-215-468-00	CARBON	91K 5X 1/4W	R666	1-249-412-11	CARBON	390 5X 1/4W
R450	1-249-434-11	CARBON	27K 5X 1/4W	R1401	1-249-421-11	CARBON	2.2K 5X 1/4W
R451	1-249-428-11	CARBON	8.2K 5X 1/4W	R1402	1-249-417-11	CARBON	1K 5X 1/4W
R452	1-246-445-00	CARBON	68 5X 1/4W	R1403	1-249-432-11	CARBON	18K 5X 1/4W
R453	1-247-713-11	CARBON	1K 5X 1/4W	R1404	1-249-424-11	CARBON	3.9K 5X 1/4W
R454	1-249-421-11	CARBON	2.2K 5X 1/4W	R1405	1-249-429-11	CARBON	10K 5X 1/4W
R455	1-247-725-11	CARBON	10K 5X 1/4W	R1406	1-249-423-11	CARBON	3.3K 5X 1/4W
R456	1-215-468-00	CARBON	91K 5X 1/4W	R1413	1-247-720-11	CARBON	3.9K 5X 1/4W
R458	1-249-434-11	CARBON	27K 5X 1/4W	R1414	1-247-708-11	CARBON	470 5X 1/4W
R459	1-249-428-11	CARBON	8.2K 5X 1/4W	R1415	1-247-722-11	CARBON	5.6K 5X 1/4W
R460	1-247-700-11	CARBON	100 5X 1/4W	R1417	1-249-413-11	CARBON	470 5X 1/4W
R461	1-249-421-11	CARBON	2.2K 5X 1/4W	R1419	1-249-419-11	CARBON	1.5K 5X 1/4W
R462	1-249-417-11	CARBON	1K 5X 1/4W	R1420	1-249-425-11	CARBON	4.7K 5X 1/4W
R463	1-249-424-11	CARBON	3.9K 5X 1/4W	R1421	1-249-417-11	CARBON	1K 5X 1/4W
R465	1-249-419-11	CARBON	1.5K 5X 1/4W	R1423	1-249-415-11	CARBON	680 5X 1/4W
R466	1-249-411-11	CARBON	330 5X 1/4W	R1432	1-249-429-11	CARBON	10K 5X 1/4W
R467	1-249-416-11	CARBON	820 5X 1/4W	R1433	1-249-423-11	CARBON	3.3K 5X 1/4W
R468	1-249-419-11	CARBON	1.5K 5X 1/4W	R1434	1-215-438-00	CARBON	5.1K 5X 1/4W
R469	1-249-411-11	CARBON	330 5X 1/4W	R1435	1-249-418-11	CARBON	1.2K 5X 1/4W
R470	1-249-416-11	CARBON	820 5X 1/4W	R1436	1-249-436-11	CARBON	39K 5X 1/4W
R471	1-249-419-11	CARBON	1.5K 5X 1/4W	R1437	1-249-429-11	CARBON	10K 5X 1/4W
R472	1-249-411-11	CARBON	330 5X 1/4W	R1438	1-249-426-11	CARBON	5.6K 5X 1/4W
R473	1-249-416-11	CARBON	820 5X 1/4W	R1439	1-249-425-11	CARBON	4.7K 5X 1/4W
R474	1-249-425-11	CARBON	4.7K 5X 1/4W	R1441	1-249-433-11	CARBON	22K 5X 1/4W
R475	1-249-428-11	CARBON	8.2K 5X 1/4W	R1442	1-215-491-00	CARBON	820K 5X 1/4W
R476	1-249-417-11	CARBON	1K 5X 1/4W	R1443	1-215-491-00	CARBON	820K 5X 1/4W
R477	1-249-425-11	CARBON	4.7K 5X 1/4W	R1444	1-215-491-00	CARBON	820K 5X 1/4W
R478	1-249-425-11	CARBON	4.7K 5X 1/4W	R1445	1-249-436-11	CARBON	39K 5X 1/4W
R479	1-249-425-11	CARBON	4.7K 5X 1/4W	R1446	1-249-435-11	CARBON	33K 5X 1/4W
R480	1-246-445-00	CARBON	68 5X 1/4W	R1447	1-246-527-00	CARBON	180K 5X 1/4W
R481	1-247-717-11	CARBON	2.2K 5X 1/4W	R1448	1-249-426-11	CARBON	5.6K 5X 1/4W
R482	1-249-421-11	CARBON	2.2K 5X 1/4W	R1449	1-249-421-11	CARBON	2.2K 5X 1/4W
R483	1-249-405-11	CARBON	100 5X 1/4W	R1451	1-249-417-11	CARBON	1K 5X 1/4W
R484	1-249-429-11	CARBON	10K 5X 1/4W	R1452	1-249-423-11	CARBON	3.3K 5X 1/4W
R485	1-215-468-00	CARBON	91K 5X 1/4W	R1453	1-249-417-11	CARBON	1K 5X 1/4W
R486	1-249-434-11	CARBON	27K 5X 1/4W	R1454	1-249-423-11	CARBON	3.3K 5X 1/4W
R487	1-249-428-11	CARBON	8.2K 5X 1/4W	R1455	1-249-421-11	CARBON	2.2K 5X 1/4W
R488	1-246-457-00	CARBON	220 5X 1/4W	R1456	1-249-413-11	CARBON	470 5X 1/4W
R489	1-247-721-11	CARBON	4.7K 5X 1/4W	R1457	1-249-421-11	CARBON	2.2K 5X 1/4W
R490	1-249-419-11	CARBON	1.5K 5X 1/4W	R1458	1-249-401-11	CARBON	47 5X 1/4W
R491	1-249-421-11	CARBON	2.2K 5X 1/4W	R1459	1-249-414-11	CARBON	560 5X 1/4W
R492	1-249-416-11	CARBON	820 5X 1/4W	R1460	1-249-397-11	CARBON	22 5X 1/4W
R493	1-247-819-31	CARBON	330 5X 1/4W	R1461	1-249-421-11	CARBON	2.2K 5X 1/4W
R494	1-249-425-11	CARBON	4.7K 5X 1/4W	R1462	1-249-413-11	CARBON	470 5X 1/4W
R495	1-249-433-11	CARBON	22K 5X 1/4W	R1463	1-249-421-11	CARBON	2.2K 5X 1/4W
R496	1-249-437-11	CARBON	47K 5X 1/4W	R1464	1-249-401-11	CARBON	47 5X 1/4W
R497	1-249-429-11	CARBON	10K 5X 1/4W	R1465	1-249-414-11	CARBON	560 5X 1/4W
R499	1-249-411-11	CARBON	330 5X 1/4W	R1466	1-249-397-11	CARBON	22 5X 1/4W
R661	1-247-703-11	CARBON	180 5X 1/4W	R1467	1-249-421-11	CARBON	2.2K 5X 1/4W
R662	1-247-703-11	CARBON	180 5X 1/4W	R1468	1-249-413-11	CARBON	470 5X 1/4W
R663	1-247-703-11	CARBON	180 5X 1/4W	R1469	1-249-421-11	CARBON	2.2K 5X 1/4W
R664	1-249-412-11	CARBON	390 5X 1/4W	R1470	1-249-401-11	CARBON	47 5X 1/4W
R665	1-249-412-11	CARBON	390 5X 1/4W	R1471	1-249-414-11	CARBON	560 5X 1/4W

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C1	C2	D
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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R728	1-202-824-00	SOLIO	3.3K 10% 1/2W	C509	1-123-380-00	ELECT	1MF 20X 50V
R729	1-202-824-00	SOLIO	3.3K 10% 1/2W	C511	1-123-356-00	ELECT	10MF 20X 25V
R730	1-202-815-11	SOLIO	47K 10% 1/2W	C512	1-123-380-00	ELECT	1MF 20X 50V
R731	1-202-719-00	SOLIO	1M 10% 1/2W	C513	1-130-487-00	MYLAR	0.022MF 5X 50V
R732	1-202-722-00	SOLIO	1.8M 10% 1/2W	C514	1-130-491-00	MYLAR	0.047MF 5X 50V
R733	1-202-719-00	SOLIO	1M 10% 1/2W	C515	1-124-514-11	ELECT	100MF 20X 50V
R734	1-202-824-00	SOLIO	3.3K 10% 1/2W	C516	1-102-228-00	CERAMIC	470PF 10X 500V
R735	1-202-720-00	SOLIO	1.2M 10% 1/2W	C517	1-106-375-12	MYLAR	0.022MF 10X 100V
R736	1-202-834-00	SOLIO	27K 10% 1/2W	C518	1-123-356-00	ELECT	10MF 20X 25V
R737	1-202-549-00	SOLIO	100 5% 1/2W	C519	1-123-228-00	ELECT	1MF 20X 50V
R738	1-202-842-11	SOLIO	220K 10% 1/2W	C520	1-123-330-00	ELECT	22MF 20X 25V
VARIABLE RESISTOR				C521	1-123-336-00	ELECT	470MF 20X 25V
RV701	1-228-719-00	RES, ADJ. CERAMIC CARBON 470		C522	1-123-330-00	ELECT	22MF 20X 16V
RV702	1-228-723-00	RES, ADJ. CERAMIC CARBON 4.7K		C523	1-123-330-00	ELECT	22MF 20X 16V
RV703	1-228-719-00	RES, ADJ. CERAMIC CARBON 4.7K		C524	1-123-380-00	ELECT	1MF 20X 50V
RV704	1-228-723-00	RES, ADJ. CERAMIC CARBON 4.7K		C525	1-130-485-00	MYLAR	0.015MF 5X 50V
RV705	1-228-719-00	RES, ADJ. CERAMIC CARBON 470		C526	1-131-356-00	TANTALUM	3.3MF 10X 25V
RV706	1-228-723-00	RES, ADJ. CERAMIC CARBON 4.7K		C527	1-126-103-11	ELECT	470MF 20X 16V
RV707	1-228-719-00	RES, ADJ. CERAMIC CARBON 470		C528	1-123-382-00	ELECT	3.3MF 20X 50V
RV708	1-228-723-00	RES, ADJ. CERAMIC CARBON 4.7K		C529	1-123-228-00	ELECT	1MF 20X 50V
RV709	1-228-719-00	RES, ADJ. CERAMIC CARBON 470		C530	1-130-483-00	MYLAR	0.01MF 5X 50V
RV710	1-228-723-00	RES, ADJ. CERAMIC CARBON 4.7K		C531	1-130-491-00	MYLAR	0.047MF 5X 50V
RV711	1-228-719-00	RES, ADJ. CERAMIC CARBON 470		C532	1-123-380-00	ELECT	1MF 20X 50V
RV712	1-228-723-00	RES, ADJ. CERAMIC CARBON 4.7K		C533	1-123-356-00	ELECT	10MF 20X 16V
RV713	1-226-114-00	RES, ADJ. METAL GLAZE 2.2M		C534	1-106-343-00	MYLAR	0.001MF 5X 50V
RV714	1-226-063-00	RES, ADJ. CARBON 2.2M		C535	1-123-333-00	ELECT	100MF 20X 25V
*****				C536	1-123-336-00	ELECT	470MF 20X 25V
*1-613-038-11 C2 BOARD				C537	1-123-381-00	ELECT	2.2MF 20X 50V
*****				C538	1-102-973-00	CERAMIC	100PF 5X 50V
CONNECTOR				C751	1-123-380-00	ELECT	1MF 20X 50V
C4	*1-560-129-00	PLUG, CONNECTOR (2.5MM) 9P		C752	1-123-381-00	ELECT	2.2MF 20X 50V
C5	*1-560-129-00	PLUG, CONNECTOR (2.5MM) 9P		C753	1-124-791-11	ELECT	1MF 20X 50V
SWITCH				C755	1-130-495-00	MYLAR	0.1MF 5X 50V
S701	1-554-974-11	SWITCH, SLIOE		C756	1-124-791-11	ELECT	1MF 20X 50V
*****				C757	1-162-117-00	CERAMIC	100PF 10X 500V
*A-1345-472-A O BOARD, COMPLETE				C758	1-108-824-00	MYLAR	0.47MF 5X 50V
*****				C759	1-123-356-00	ELECT	10MF 20X 25V
3-701-833-01	HEAD, WASHER, TAPPING SCREW			C760	1-124-126-00	ELECT	47MF 20X 25V
CAPACITOR				C761	1-123-382-00	ELECT	3.3MF 20X 50V
C503	1-102-121-00	CERAMIC	0.002MF 10X 50V	C762	1-123-330-00	ELECT	22MF 20X 25V
C504	1-106-379-12	MYLAR	0.033MF 10X 100V	C764	1-123-334-00	ELECT	22MF 20X 25V
C505	1-123-380-00	ELECT	1MF 20X 50V	C766	1-123-380-00	ELECT	1MF 20X 50V
C506	1-130-485-00	MYLAR	0.015MF 5X 50V	C767	1-123-380-00	ELECT	1MF 20X 50V
C507	1-123-380-00	ELECT	1MF 20X 50V	C768	1-106-220-00	MYLAR	0.1MF 10X 100V
C508	1-136-173-00	FILM	0.47MF 5X 50V	C769	1-124-126-00	ELECT	47MF 20X 25V
*****				C801	1-136-173-00	FILM	0.47MF 5X 50V
*****				C802	1-123-381-00	ELECT	2.2MF 20X 50V
*****				C803	1-101-888-00	CERAMIC	68PF 5X 50V
*****				C804	1-123-380-00	ELECT	1MF 20X 50V
*****				C805	1-101-361-00	CERAMIC	150PF 5X 50V
*****				C806	1-106-343-00	MYLAR	0.001MF 5X 50V
*****				C807	1-101-361-00	CERAMIC	150PF 5X 50V
*****				C808	1-123-369-00	ELECT	4.7MF 20X 25V

D

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C810	1-106-359-00	MYLAR	0.0047MF 5% 50V	C873	1-126-103-11	ELECT 470MF 20% 16V	
C811	1-106-367-00	MYLAR	0.01MF 10% 100V	C874	1-106-367-00	MYLAR 0.01MF 10% 100V	
C811	1-106-375-12	MYLAR	0.022MF 10% 100V	C876	1-102-816-00	CERAMIC 120PF 5% 50V	
C814	1-106-351-00	MYLAR	0.0022MF 10% 100V	C877	1-101-361-00	CERAMIC 150PF 5% 50V	
C815	1-129-794-00	FILM	0.0033MF 5% 100V	C879	1-101-361-00	CERAMIC 150PF 5% 50V	
C816	1-123-381-00	ELECT	2.2MF 20% 50V	C880	1-101-888-00	CERAMIC 68PF 5% 50V	
C817	1-123-381-00	ELECT	2.2MF 20% 50V	C881	1-102-820-00	CERAMIC 330PF 5% 50V	
C818	1-123-330-00	ELECT	22MF 20% 25V	C883	1-108-818-11	MYLAR 0.15MF 5% 50V	
C819	1-123-330-00	ELECT	22MF 20% 25V	C884	1-123-356-00	ELECT 10MF 20% 25V	
C821	1-123-381-00	ELECT	2.2MF 20% 50V	C885	1-130-493-00	MYLAR 0.068MF 5% 50V	
C822	1-123-380-00	ELECT	1MF 20% 50V	C886	1-106-351-00	MYLAR 0.0022MF 5% 50V	
C823	1-123-356-00	ELECT	10MF 20% 16V	C887	1-123-332-00	ELECT 47MF 20% 16V	
C824	1-123-356-00	ELECT	10MF 20% 50V	C888	1-126-103-11	ELECT 470MF 20% 16V	
C825	1-123-322-00	ELECT	330MF 20% 16V	C889	1-108-818-11	MYLAR 0.15MF 5% 50V	
C827	1-123-379-00	ELECT	0.47MF 20% 50V	C895	1-102-512-00	CERAMIC 16PF 5% 50V	
C828	1-102-820-00	CERAMIC	330PF 5% 50V			CONNECTOR	
C829	1-106-385-00	MYLAR	0.056MF 10% 200V	D1	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P	
C830	1-102-030-00	CERAMIC	330PF 10% 500V	D2	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)	
C832	1-161-961-11	CERAMIC	0.0022MF 10% 3KV	D3	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P	
C833	1-106-387-00	MYLAR	0.068MF 10% 200V	D4	*1-508-765-00	3P PLUG (M)	
C834	1-136-064-11	FILM	0.002MF 5% 2KV	D5	*1-508-765-00	3P PLUG (M)	
C835	1-136-079-11	FILM	0.01MF 5% 2KV	D6	*1-564-038-00	CONNECTOR PLUG, OY (MINI) 6P	
C836	1-136-186-00	FILM	2.4MF 5% 200V	D7	*1-508-766-00	4P PLUG (M)	
C837	1-106-387-00	MYLAR	0.1MF 10% 200V	D8	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C838	1-136-112-00	FILM	1.4MF 5% 200V	D9	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P	
C839	1-130-566-00	MYLAR	2.2MF 10% 250V	D10	*1-560-123-00	PLUG, CONNECTOR (2.5MM PITCH)	
C840	1-136-123-00	FILM	0.51MF 5% 400V	D11	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C841	1-123-267-00	ELECT	2.2MF 20% 160V	D12	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C842	1-106-357-00	MYLAR	0.0039MF 10% 100V				
C843	1-123-380-00	ELECT	1MF 20% 50V				
C844	1-123-322-00	ELECT	330MF 20% 16V				
C846	1-123-247-00	ELECT	330MF 20% 50V	D501	8-719-100-23	O100E R04.3E-82	
C849	1-130-495-00	MYLAR	0.1MF 5% 50V	D502	8-719-911-19	O100E 1S5119	
C850	1-129-706-00	FILM	0.0022MF 10% 630V	D504	8-719-911-19	O100E 1S5119	
C851	1-106-367-00	MYLAR	0.01MF 10% 200V	D505	8-719-911-19	O100E 1S5119	
C852	1-123-337-00	ELECT	1000MF 20% 25V	D506	8-719-911-55	O100E U056	
C853	1-102-212-00	CERAMIC	820PF 10% 500V	D507	8-719-911-19	O100E 1S5119	
C854	1-121-999-00	ELECT	10MF 160V	D509	8-719-911-19	O100E 1S5119	
C855	1-123-024-00	ELECT	33MF 160V	D751	8-719-911-19	O100E 1S5119	
C856	1-106-383-00	MYLAR	0.047MF 10% 200V	D752	8-719-911-19	O100E 1S5119	
C857	1-102-223-00	CERAMIC	0.0047MF 10% 2KV	D753	8-719-911-19	O100E 1S5119	
C858	1-102-971-00	CERAMIC	82PF 5% 50V	D754	8-719-911-19	O100E 1S5119	
C859	1-123-369-00	ELECT	4.7MF 20% 50V	D801	8-719-911-55	O100E U056	
C860	1-123-332-00	ELECT	47MF 20% 25V	D802	8-719-911-19	O100E 1S5119	
C861	1-136-065-11	FILM	0.0027MF 5% 2KV	D803	8-719-100-30	O100E R05.1E-82	
C862	1-136-066-11	FILM	0.003MF 5% 2KV	D804	8-719-100-80	O100E R020E-82	
C863	1-136-064-11	FILM	0.002MF 5% 2KV	D805	8-719-305-15	O100E GH3F	
C865	1-106-367-00	MYLAR	0.01MF 10% 200V	D806	8-719-928-08	O100E ERD28-08S	
C866	1-101-361-00	CERAMIC	150PF 5% 50V	D807	8-719-918-77	O100E V196	
C868	1-123-356-00	ELECT	10MF 20% 16V	D808	8-719-918-77	O100E V196	
C870	1-123-332-00	ELECT	47MF 20% 25V	D809	8-719-300-76	O100E RHLA	
C871	1-123-380-00	ELECT	1MF 20% 50V	D810	8-719-903-09	O100E V30N	
C872	1-106-367-00	MYLAR	0.01MF 10% 100V	D811	8-719-911-19	O100E 1S5119	

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D


Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
D812	8-719-300-76	D10DE RH1A		Q755	8-729-378-91	TRANSISTOR 2SD789	
D813	8-719-300-76	D10DE RH1A		Q756	8-729-378-91	TRANSISTOR 2SD789	
D814	8-719-911-19	D10DE 1S5119		Q757	8-729-378-91	TRANSISTOR 2SD789-3	
D815	8-719-911-19	D10DE 1S5119		Q758	8-729-374-01	TRANSISTOR 2SB740-2	
D816	8-719-911-19	D10DE 1S5119		Q760	8-729-178-54	TRANSISTOR 2SC2785	
D817	8-719-100-65	D10DE R012E-82		Q801	8-729-178-54	TRANSISTOR 2SC2785	
D818	8-719-911-55	D10DE U05G		Q802	8-729-117-54	TRANSISTOR 2SA1175	
				Q803	8-729-178-54	TRANSISTOR 2SC2785	
				Q804	8-729-168-82	TRANSISTOR 2SC2688	
				Q805	8-729-800-87	TRANSISTOR 2SD1398	
IC							
IC501	8-759-100-60	IC UPC1377C		*4-363-404-00 HOLEX, IC; Q805			
IC502	8-759-979-16	IC C7916		4-363-414-00 SPACER, MICA; Q805			
IC503	8-759-105-82	IC UPC1378H-P		Q806	8-729-313-82	TRANSISTOR 2SD1138-C	
IC504	8-759-145-58	IC UPC458C		Q807	8-729-900-36	TRANSISTOR 07C124ES	
IC801	8-759-345-38	IC HD14538BP		Q808	8-729-900-36	TRANSISTOR 07C124ES	
IC802	8-759-240-11	IC TC4011BP		Q810	8-729-900-36	TRANSISTOR 07C124ES	
IC803	8-759-145-58	IC UPC458C		Q811	8-729-117-54	TRANSISTOR 2SA1175	
IC804	8-759-905-39	IC TDA1082		Q812	8-729-178-54	TRANSISTOR 2SC2785	
IC805	8-759-700-06	IC NMJ8128		Q813	8-729-900-36	TRANSISTOR 07C124ES	
	*4-323-833-00	HEAT SINK, PIN OUT; IC805		Q816	8-729-178-54	TRANSISTOR 2SC2785	
COIL							
L501	1-408-231-00	INDUCTOR 1MMH		Q817	8-729-117-54	TRANSISTOR 2SA1175	
L752	1-407-508-00	INDUCTOR 22MMH		Q818	8-729-117-54	TRANSISTOR 2SA1175	
L753	1-408-247-00	INDUCTOR 33MMH		Q819	8-729-178-54	TRANSISTOR 2SC2785	
L802	1-408-349-00	COIL, CHOKE		Q820	8-729-178-54	TRANSISTOR 2SC2785	
L803	1-408-238-00	INDUCTOR 3.9MMH		Q821	8-729-178-54	TRANSISTOR 2SC2785	
L804	1-459-241-12	COIL, HORIZONTAL LINEALITY		Q822	8-729-178-54	TRANSISTOR 2SC2785	
L805	1-459-568-11	COIL, CHOKE 980UH		Q823	8-729-178-54	TRANSISTOR 2SC2785	
L806	1-407-365-00	COIL, CHOKE		Q824	8-729-178-54	TRANSISTOR 2SC2785	
L807	1-459-104-00	COIL, OUST CORE		RESISTOR			
L808	1-407-364-00	COIL, SPOOK CHOKE 3.3UH		R504	1-249-425-11	CARBON 4.7K 5% 1/4W	
L809	1-407-841-00	COIL 15UH		R505	1-249-436-11	CARBON 39K 5% 1/4W	
L810	1-408-074-00	INDUCTOR 56UH		R506	1-249-435-11	CARBON 33K 5% 1/4W	
L811	1-459-155-00	COIL (WITH CORE) 45UH		R507	1-215-455-00	METAL 27K 1% 1/6W	
L812	1-459-115-00	COIL, OCC-H		R508	1-249-418-11	CARBON 1.2K 5% 1/4W	
L814	1-407-841-00	COIL 15UH		R509	1-215-473-00	METAL 150K 1% 1/6W	
L816	1-408-247-00	INDUCTOR 33MMH		R510	1-215-461-00	METAL 47K 1% 1/6W	
TRANSISTOR							
Q502	8-729-900-36	TRANSISTOR 07C124ES		R511	1-215-479-00	METAL 270K 1% 1/6W	
Q503	8-729-900-36	TRANSISTOR 07C124ES		R514	1-215-463-00	METAL 56K 1% 1/6W	
Q504	8-729-900-36	TRANSISTOR 07C124ES		R515	1-215-410-00	CARBON 360 5% 1/4W	
Q505	8-729-900-63	TRANSISTOR 07A124ES		R516	1-249-415-11	CARBON 680 5% 1/4W	
Q507	8-729-117-54	TRANSISTOR 2SA1175		R517	1-215-418-00	CARBON 750 5% 1/4W	
Q508	8-729-178-54	TRANSISTOR 2SC2785		R518	1-249-409-11	CARBON 220 5% 1/4W	
Q509	8-729-900-36	TRANSISTOR 07C124ES		R519	1-249-441-11	CARBON 100K 5% 1/4W	
Q510	8-723-305-00	TRANSISTOR 2SC43-5		R520	1-249-425-11	CARBON 4.7K 5% 1/4W	
Q751	8-729-178-54	TRANSISTOR 2SC2785		R521	1-215-476-00	CARBON 200K 5% 1/4W	
Q752	8-729-313-42	TRANSISTOR 2SD1134		R522	1-215-458-00	METAL 36K 1% 1/6W	
Q753	8-729-306-92	TRANSISTOR 2SD669A		R524	1-215-432-00	CARBON 3K 5% 1/4W	
Q754	*4-329-153-00	HEAT SINK, V OUT; Q753		R525	1-249-430-11	CARBON 12K 5% 1/4W	
	8-729-304-92	TRANSISTOR 2SB69A		R526	1-215-436-00	CARBON 4.3K 5% 1/4W	
	*4-329-153-00	HEAT SINK, V OUT; Q754		R527	1-249-433-11	CARBON 22K 5% 1/4W	
				R528	1-215-373-31	METAL 10 1% 1/6W	
				R529	1-215-866-11	METAL 0X10E 330 5% 1W	F


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D


Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R530	1-215-866-11	METAL OXIDE	330 5% 1W F	R593	1-249-413-11	CARBON	470 5% 1/4W
R531	1-215-464-00	CARBON	62K 5% 1/4W	R594	1-249-417-11	CARBON	1K 5% 1/4W
R532	1-215-460-00	CARBON	43K 5% 1/4W	R595	1-249-417-11	CARBON	1K 5% 1/4W
R533	1-249-442-11	CARBON	510 5% 1/4W	R596	1-249-409-11	CARBON	220 5% 1/4W
R534	1-249-442-11	CARBON	510 5% 1/4W	R597	1-249-417-11	CARBON	1K 5% 1/4W
R542	1-212-366-00	METAL OXIDE	3.3 5% 1W F	R751	1-215-464-00	CARBON	62K 5% 1/4W
R544	1-247-746-11	CARBON	390 5% 1/2W	R753	1-249-439-11	CARBON	68K 5% 1/4W
R545	1-249-420-11	CARBON	1.8K 5% 1/4W	R754	1-249-432-11	CARBON	18K 5% 1/4W
R546	1-249-427-11	CARBON	6.8K 5% 1/4W	R755	1-249-417-11	CARBON	1K 5% 1/4W
R547	1-249-417-11	CARBON	1K 5% 1/4W	R756	1-249-414-11	CARBON	560 5% 1/4W
R548	1-249-426-11	CARBON	5.6K 5% 1/4W	R757	1-249-417-11	CARBON	1K 5% 1/4W
R549	1-249-429-11	CARBON	10K 5% 1/4W	R758	1-249-411-11	CARBON	330 5% 1/4W
R550	1-215-468-00	CARBON	91K 5% 1/4W	R760	1-249-442-11	CARBON	510 5% 1/4W
R551	1-249-437-11	CARBON	47K 5% 1/4W	R761	1-249-417-11	CARBON	1K 5% 1/4W
R552	1-249-428-11	CARBON	8.2K 5% 1/4W	R762	1-249-415-11	CARBON	680 5% 1/4W
R553	1-249-425-11	CARBON	4.7K 5% 1/4W	R763	1-215-476-00	CARBON	200K 5% 1/4W
R554	1-215-476-00	CARBON	200K 5% 1/4W	R764	1-215-436-00	CARBON	4.3K 5% 1/4W
R555	1-249-426-11	CARBON	5.6K 5% 1/4W	R765	1-213-147-00	METAL OXIDE	2.2K 5% 1W F
R556	1-249-431-11	CARBON	15K 5% 1/4W	R766	1-247-802-31	CARBON	62 5% 1/4W
R558	1-249-435-11	CARBON	33K 5% 1/4W	R767	1-249-405-11	CARBON	100 5% 1/4W
R559	1-249-429-11	CARBON	10K 5% 1/4W	R768	1-249-430-11	CARBON	12K 5% 1/4W
R560	1-249-429-11	CARBON	10K 5% 1/4W	R769	1-247-021-00	CARBON	1.5 5% 1/8W F
R561	1-215-466-00	CARBON	75K 5% 1/4W	R770	1-247-021-00	CARBON	1.5 5% 1/8W F
R562	1-249-439-11	CARBON	68K 5% 1/4W	R771	1-215-464-00	CARBON	62K 5% 1/4W
R563	1-249-439-11	CARBON	68K 5% 1/4W	R772	1-215-460-00	CARBON	43K 5% 1/4W
R564	1-215-479-00	CARBON	270K 5% 1/4W	R773	1-249-442-11	CARBON	510 5% 1/4W
R565	1-249-429-11	CARBON	10K 5% 1/4W	R774	1-249-410-11	CARBON	270 5% 1/4W
R566	1-215-493-00	METAL	1M 1% 1/6W	R775	1-249-442-11	CARBON	510 5% 1/4W
R567	1-249-440-11	CARBON	82K 5% 1/4W	R776	1-249-411-11	CARBON	330 5% 1/4W
R568	1-249-405-11	CARBON	100 5% 1/4W	R777	1-249-414-11	CARBON	560 5% 1/4W
R569	1-249-439-11	CARBON	68K 5% 1/4W	R778	1-249-439-11	CARBON	68K 5% 1/4W
R570	1-215-460-00	CARBON	43K 5% 1/4W	R779	1-249-429-11	CARBON	10K 5% 1/4W
R571	1-249-417-11	CARBON	1K 5% 1/4W	R780	1-249-418-11	CARBON	1.2K 5% 1/4W
R572	1-249-417-11	CARBON	1K 5% 1/4W	R781	1-215-406-00	CARBON	240 5% 1/4W
R573	1-247-881-00	CARBON	120K 5% 1/4W	R782	1-215-412-00	CARBON	430 5% 1/4W
R574	1-249-438-11	CARBON	56K 5% 1/4W	R783	1-249-410-11	CARBON	270 5% 1/4W
R575	1-249-426-11	CARBON	5.6K 5% 1/4W	R784	1-249-427-11	CARBON	6.8K 5% 1/4W
R576	1-249-421-11	CARBON	2.2K 5% 1/4W	R785	1-247-021-11	CARBON	1.5 5% 1/8W F
R577	1-249-409-11	CARBON	220 5% 1/4W	R786	1-247-021-11	CARBON	1.5 5% 1/8W F
R578	1-215-479-00	CARBON	270K 5% 1/4W	R787	1-247-881-00	CARBON	120K 5% 1/4W
R579	1-249-441-11	CARBON	100K 5% 1/4W	R788	1-249-441-11	CARBON	100K 5% 1/4W
R580	1-249-417-11	CARBON	1K 5% 1/4W	R789	1-249-418-11	CARBON	1.2K 5% 1/4W
R581	1-249-417-11	CARBON	1K 5% 1/4W	R790	1-247-001-11	CARBON	15 5% 1/4W F
R582	1-249-426-11	CARBON	5.6K 5% 1/4W	R801	1-249-423-11	CARBON	3.3K 5% 1/4W
R583	1-215-482-00	CARBON	360K 5% 1/4W	R802	1-249-432-11	CARBON	18K 5% 1/4W
R584	1-249-437-11	CARBON	47K 5% 1/4W	R803	1-247-881-00	CARBON	120K 5% 1/4W
R585	1-249-399-11	CARBON	33 5% 1/4W	R804	1-249-435-11	CARBON	33K 5% 1/4W
R586	1-249-431-11	CARBON	15K 5% 1/4W	R805	1-249-419-11	CARBON	1.5K 5% 1/4W
R587	1-249-417-11	CARBON	1K 5% 1/4W	R806	1-249-421-11	CARBON	2.2K 5% 1/4W
R589	1-249-417-11	CARBON	1K 5% 1/4W	R807	1-215-484-00	CARBON	430K 5% 1/4W
R590	1-215-493-00	CARBON	1M 5% 1/4W	R808	1-249-434-11	CARBON	27K 5% 1/4W
R591	1-215-476-00	CARBON	200K 5% 1/4W	R809	1-249-419-11	CARBON	1.5K 5% 1/4W
R592	1-212-364-00	METAL OXIDE	2.2 5% 1W F	R810	1-249-428-11	CARBON	8.2K 5% 1/4W


The components identified by shading and mark  are critical for safety. Replace only with part number specified.


Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

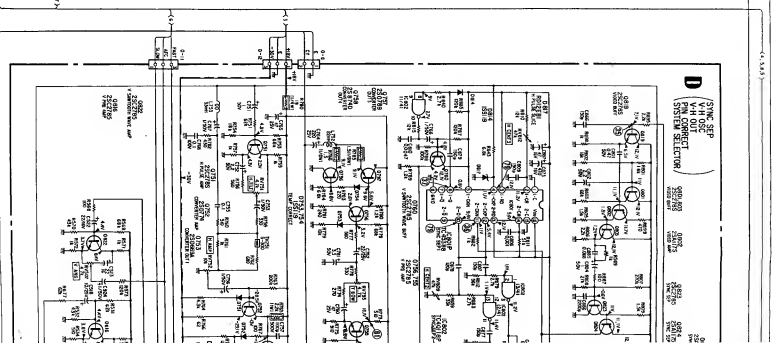
D

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R811	1-215-462-00	METAL	51K 1% 1/6W	R865	1-247-721-11	CARBON	4.7K 5% 1/4W
R812	1-249-438-11	CARBON	56K 5% 1/4W	R866	1-247-614-00	CARBON	3.3K 5% 1/8W
R813	1-249-414-11	CARBON	560 5% 1/4W	R867	1-213-143-61	METAL OXIDE	1K 5% 1W F
R814	1-249-426-11	CARBON	5.6K 5% 1/4W	R868	1-213-147-00	METAL OXIDE	2.2K 5% 1W F
R815	1-249-430-11	CARBON	12K 5% 1/4W	R869	1-213-127-00	METAL OXIDE	47 5% 1W F
R816	1-249-405-11	CARBON	100 5% 1/4W	R870	1-249-435-11	CARBON	33K 5% 1/4W
R817	1-249-440-11	CARBON	82K 5% 1/4W	R871	1-249-421-11	CARBON	2.2K 5% 1/4W
R818	1-215-458-00	CARBON	36K 5% 1/4W	R872	1-249-440-11	CARBON	82K 5% 1/4W
R819	1-249-430-11	CARBON	12K 5% 1/4W	R873	1-249-429-11	CARBON	10K 5% 1/4W
R820	1-249-440-11	CARBON	82K 5% 1/4W	R874	1-249-434-11	CARBON	27K 5% 1/4W
R821	1-249-441-11	CARBON	100K 5% 1/4W	R875	1-249-423-11	CARBON	3.3K 5% 1/4W
R822	1-249-441-11	CARBON	100K 5% 1/4W	R876	1-212-364-00	METAL OXIDE	2.2 5% 1W F
R823	1-249-424-11	CARBON	3.9K 5% 1/4W	R877	1-215-464-00	CARBON	62K 5% 1/4W
R824	1-249-418-11	CARBON	1.2K 5% 1/4W	R878	1-215-484-00	CARBON	430K 5% 1/4W
R825	1-249-429-11	CARBON	10K 5% 1/4W	R879	1-249-422-11	CARBON	2.7K 5% 1/4W
R826	1-215-473-00	METAL	150K 1% 1/6W	R880	1-249-421-11	CARBON	2.2K 5% 1/4W
R827	1-215-447-00	METAL	12K 1% 1/6W	R881	1-249-429-11	CARBON	10K 5% 1/4W
R828	1-215-441-00	METAL	6.8K 1% 1/6W	R882	1-249-417-11	CARBON	1K 5% 1/4W
R829	1-249-435-11	CARBON	33K 5% 1/4W	R883	1-249-422-11	CARBON	2.7K 5% 1/4W
R830	1-249-435-11	CARBON	33K 5% 1/4W	R884	1-249-422-11	CARBON	2.7K 5% 1/4W
R831	1-215-454-00	CARBON	24K 5% 1/4W	R885	1-247-881-00	CARBON	120K 5% 1/4W
R832	1-249-422-11	CARBON	2.7K 5% 1/4W	R886	1-249-424-11	CARBON	3.9K 5% 1/8W
R833	1-215-449-00	METAL	15K 1% 1/6W	R887	1-249-405-11	CARBON	100 5% 1/4W
R834	1-215-464-00	METAL	62K 1% 1/6W	R888	1-215-477-00	METAL	220K 1% 1/6W
R835	1-215-467-00	METAL	82K 1% 1/6W	R889	1-215-463-00	METAL	56K 1% 1/6W
R836	1-249-411-11	CARBON	330 5% 1/4W	R890	1-212-360-61	METAL OXIDE	1 5% 1W F
R837	1-249-417-11	CARBON	1K 5% 1/4W	R891	1-249-421-11	CARBON	10K 5% 1/4W
R838	1-206-745-00	METAL OXIDE	6.8K 5% 3W F	R892	1-215-445-00	METAL	10K 1% 1/6W
R839	1-247-662-11	CARBON	560 5% 1/4W F	R893	1-249-427-11	CARBON	6.8K 5% 1/4W
R840	1-249-422-11	CARBON	2.7K 5% 1/4W	R894	1-249-436-11	CARBON	39K 5% 1/4W
R841	1-212-361-00	METAL OXIDE	1.2 5% 1W F	R895	1-249-421-11	CARBON	2.2K 5% 1/4W
R842	1-206-745-61	METAL OXIDE	6.8K 5% 3W F	R896	1-249-417-11	CARBON	1K 5% 1/4W
R843	1-249-427-11	CARBON	6.8K 5% 1/4W	R897	1-215-436-00	CARBON	4.3K 5% 1/4W
R844	1-213-126-00	METAL OXIDE	39 5% 1W F	R898	1-249-417-11	CARBON	1K 5% 1/4W
R845	1-215-465-00	METAL	68K 1% 1/6W	R899	1-249-413-11	CARBON	470 5% 1/4W
R846	1-249-411-11	CARBON	330 5% 1/4W	VARIABLE RESISTOR			
R847	1-249-429-11	CARBON	10K 5% 1/4W	RV501	1-228-577-00	RES. ADJ. CARBON	220
R848	1-215-436-00	CARBON	4.3K 5% 1/4W	RV502	1-228-724-00	RES. ADJ. CARBON	10K
R849	1-249-432-11	CARBON	18K 5% 1/4W	RV503	1-226-848-00	RES. ADJ. CARBON	2.2K
R850	1-215-434-00	CARBON	3.6K 5% 1/4W	RV504	1-226-852-00	RES. ADJ. CARBON	22K
R851	1-249-432-11	CARBON	18K 5% 1/4W	RV505	1-224-249-XX	RES. ADJ. METAL GLAZE	1K
R852	1-249-433-11	CARBON	22K 5% 1/4W	RV506	1-226-855-00	RES. ADJ. CARBON	220K
R853	1-249-424-11	CARBON	3.9K 5% 1/4W	RV507	1-226-850-00	RES. ADJ. CARBON	4.7K
R854	1-249-411-11	CARBON	330 5% 1/4W	RV571	1-226-850-00	RES. ADJ. CARBON	4.7K
R855	1-249-411-11	CARBON	330 5% 1/4W	RV572	1-228-724-00	RES. ADJ. CARBON	10K
R856	1-249-428-11	CARBON	8.2K 5% 1/4W	RV573	1-226-850-00	RES. ADJ. CARBON	4.7K
R857	1-249-441-11	CARBON	100K 5% 1/4W	RV802	1-228-160-11	RES. ADJ. METAL GLAZE	5K
R858	1-215-480-00	CARBON	300K 5% 1/4W	RV803	1-226-849-00	RES. ADJ. CARBON	3.3K
R859	1-249-435-11	CARBON	33K 5% 1/4W	RV804	1-226-847-00	RES. ADJ. CARBON	1K
R860	1-217-418-00	FUSIBLE	0.47 10% 1/2W F	RV805	1-226-845-00	RES. ADJ. CARBON	330
R861	1-217-418-00	FUSIBLE	0.47 10% 1/2W F	RV806	1-226-849-00	RES. ADJ. CARBON	3.3K
R862	1-244-923-00	CARBON	120K 5% 1/2W	RV807	1-226-848-00	RES. ADJ. CARBON	2.2K
R863	1-244-923-00	CARBON	120K 5% 1/2W				
R864	1-246-488-00	CARBON	4.3K 5% 1/4W				

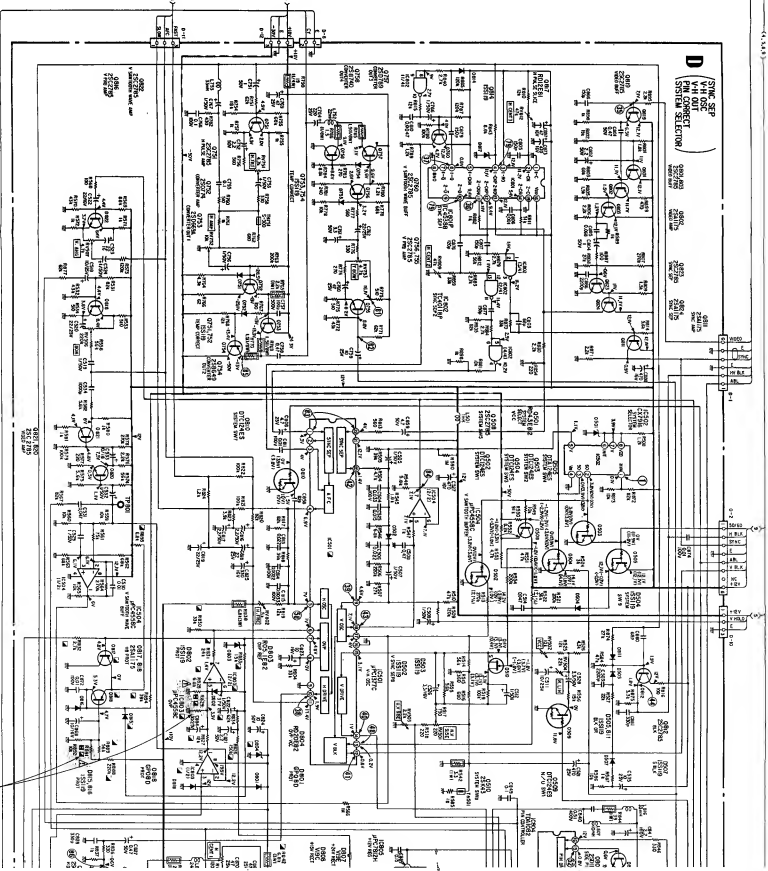
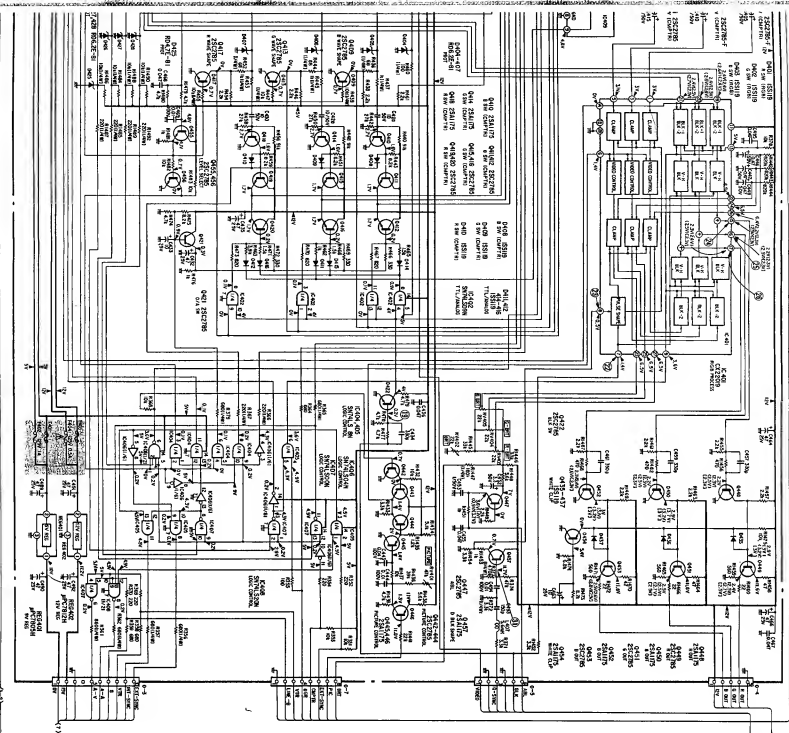
- The components identified by  in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

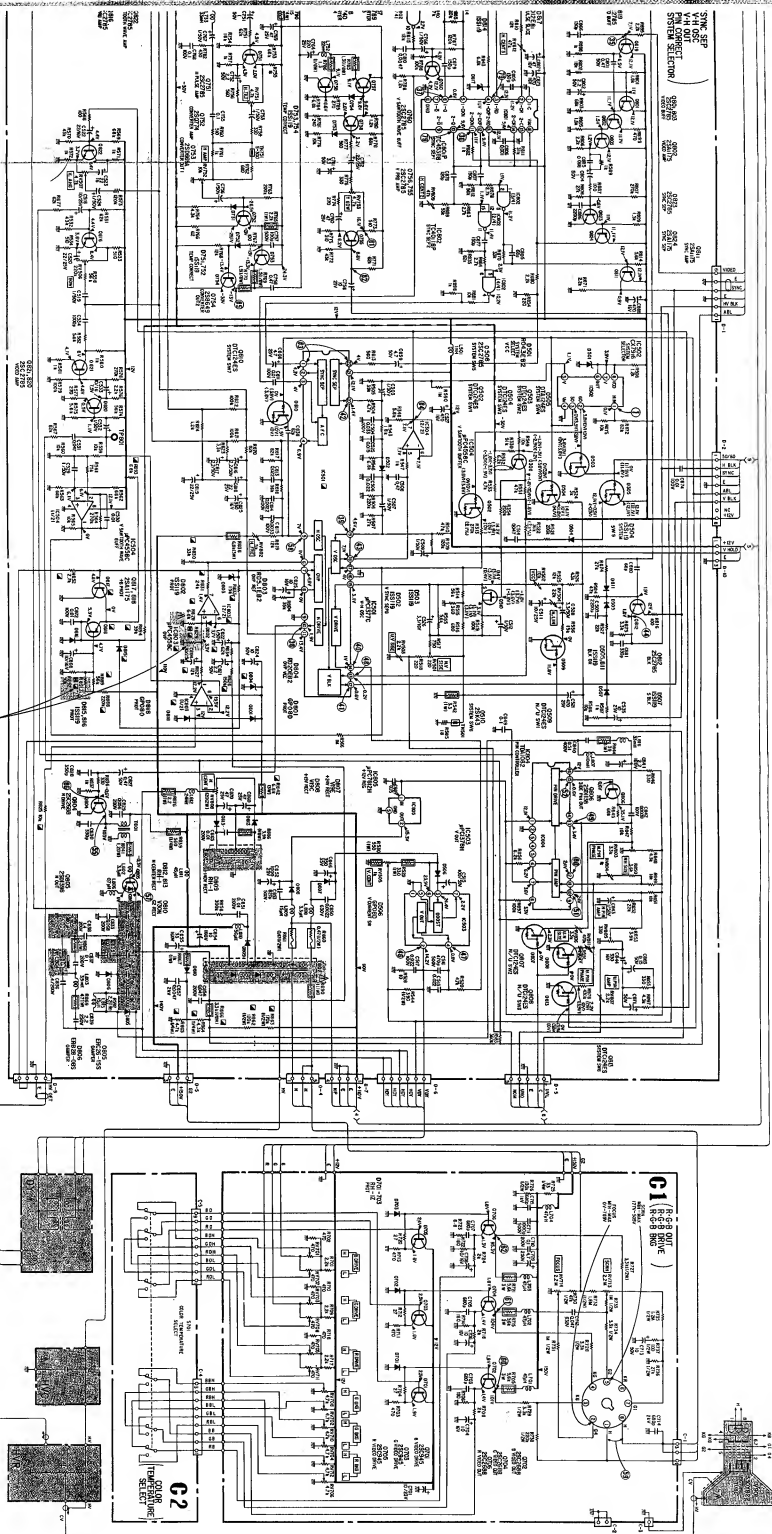


6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22





15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30



4.5. PRINTED WIRING BOARDS

B [AF AMP, AF OUT, VIDEO AMP]
[CHROMA AMP, LINE IN]

- B Board -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
0	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158
1 C	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
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7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

D SYNC SEP. V-H OSC. V-H OUT
PIN CORRECT. SYSTEM SELECTOR

Q R, G, B PROCESS, LOGIC CONT.
(SYNC OUT, R, G, B IN, AF IN)

- D board -

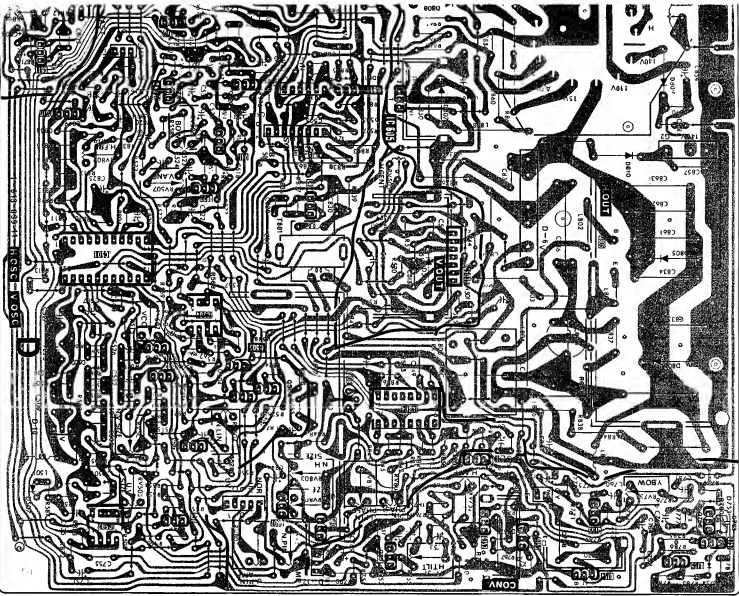
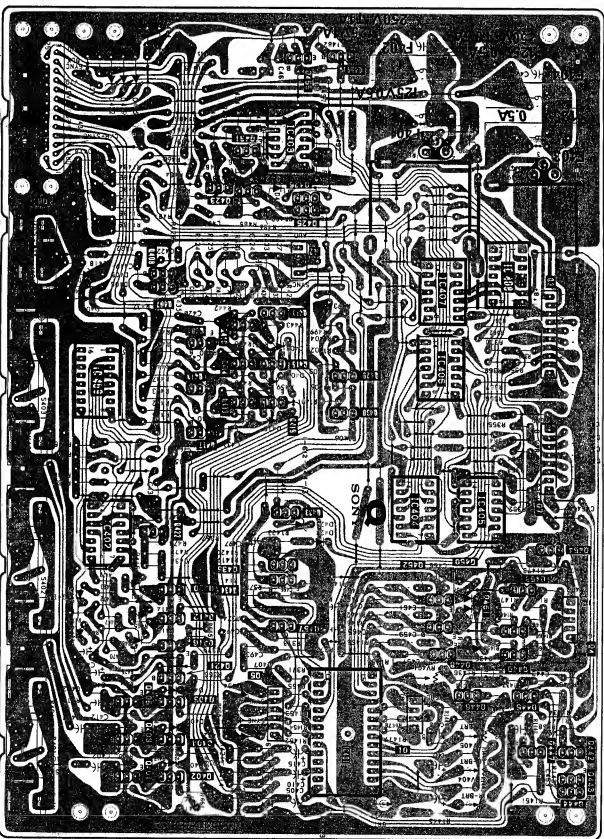
- O Board -

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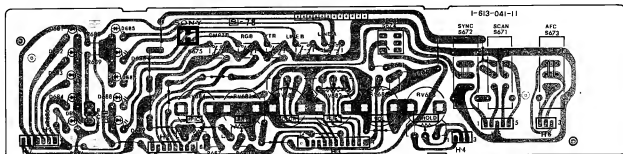
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[CUSTOMER CONTROL,
INPUT SIGNAL INDICATOR]

H

— H Board —



C1[R.G.B. OUT, R.G.B. DRIVE,]
[R.G.B. BKG]

- C1 Board -

A

B

C

D

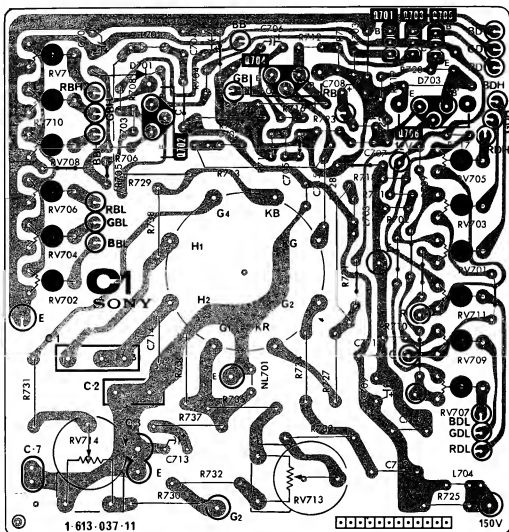
E

F

G

H

I



[COLOR TEMPERATURE SELECT]

C2

— C2 Board —

A

B

C

D

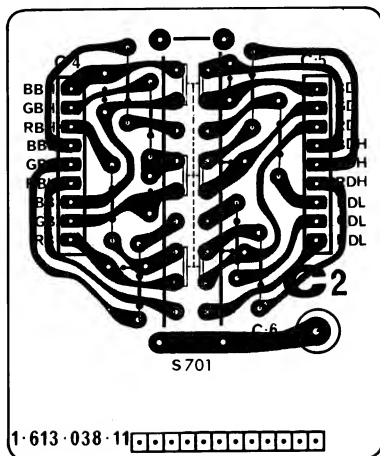
E

F

G

H

I



F

[POWER SUPPLY]

F2

[KICK]

1

2

3

4

5

6

7

- F Board -

A

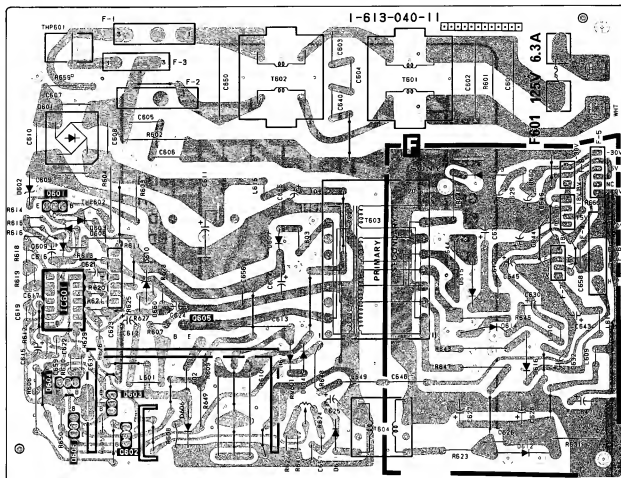
B

C

D

E

F

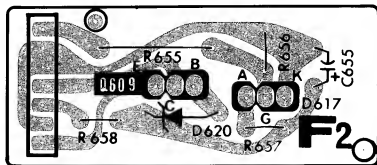


G

- F2 Board -

H

I



4-6. SEMICONDUCTORS

CX095E

SN74LS00N
SN74LS04N
SN74LS08N
SN74LS09N
SN74LS136N
SN74LS20N
TC4011BP
TC4023BP
TC4024BP
μPC1394C
μPD4024BC

μPC1241H



μPC1377C



2SA1175
2SC2785



2SA733
2SA1015
2SC1815
2SC945



2SD1398
2SD1402



2SK105A



ERA81-004
ERB12-02RK
GP08D



ERC24-06S
RH-1
RH-1A
RH-1Z
SIB01-02



N13T1



RGP15J



CX20061



μPC1378H-L



2SA773
2SB740
2SD789



2SK43



ERC26-15S



S3WB60Z



CX22019
μPC1364C2
μPC1365C



μPC7805H
μPC7812H



2SB649
2SC2688
2SD669



1SS119
1SS133
1SS148



ERC81-004



SG232D



CX7916
NJM4558D
μPC4558C



2SA1026



2SB734
2SD774



1SS82
1SS83
ERD28-08S
RD4.3E-B1
RD4.3E-B2
RD4.7E-B1
RD5.1E-B2
RD6.2E-B1
RD6.2E-B2
RD10E-B2
RD12E-B1
RD18E-B2
RD20E-B2
RD22E-B3



ERD29-08J



SY432D



HD14538BP
SN74LS138N
TC4538BP
TDA1082



2SA1048
2SA1115
2SC2458
2SC2603
DTA124ES
DTC124ES



2SC2929
2SC1134
2SD1138



GH3F
U05G



V19B
V19C
V19E
V30N



SECTION 5

EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

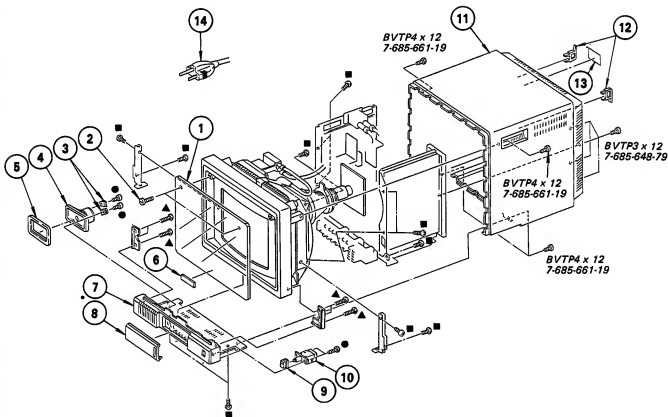
Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CABINET

- : TA, BV3 x 8 7-685-646-71
- : TA, BV3 x 12 7-685-648-71
- ▲: TA, BV4 x 12 7-685-661-14

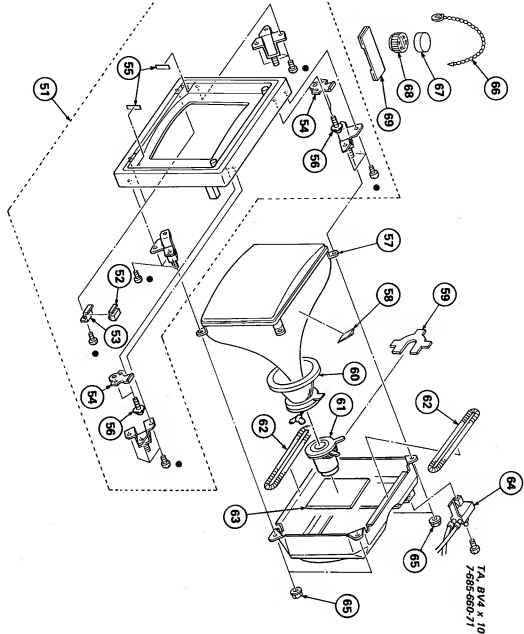


No.	Part No.	Description
1	4-364-717-00	FILTER
2	4-336-851-51	SCREW, ORNAMENTAL
3	*4-321-611-00	CLAW, RETAINING, SPEAKER
4	1-503-109-00	SPEAKER
5	*4-364-741-00	CUSHION, SPEAKER
6	*X-3701-079-0	EMBLEM (SMALL) ASSY, SONY
7	X-4365-403-1	PANEL ASSY, CONTROL

Remark	No.	Part No.	Description	Remark
	8	X-4364-704-2	DOOR ASSY	
	9	4-364-710-00	BUTTON, POWER	
	10	▲.1-553-584-12	SWITCH, PUSH (POWER)	
	11	X-4365-404-1	CABINET ASSY	12
	12	▲.4-316-003-01	HOLDER, CORD	
	13	*4-365-412-01	LABEL, MODEL NUMBER (U/C)	
8	14	▲.1-534-517-31	CORD, AC	

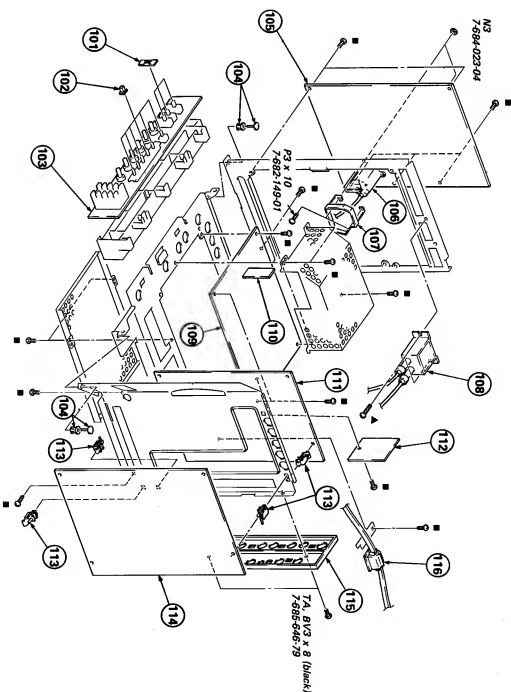
5-2. BEZEL

TA, BV3 x 12 7-685-648-71



No.	Part No.	Description	Remark
1	8-436-102-0	BEZEL ASSY (H TYPE)	
2	4-336-008-0	PROTECTOR, FILTER	
3	4-336-008-1	PROTECTOR, FILTER	
4	4-341-305-00	NUT, PLATE (A)	
5	9-511-357-XA	CUSHION (B), FILTER	
6	4-336-008-0	PROTECTOR, FILTER	
7	8-728-312-09	CRT (330MR2)	
8	3-703-003-00	SPACER, OR	
9	8-1431-239-11	DEFLECTION Yoke (S1-97)	

5-3. CHASSIS

TA, BV3 x 8
TA, BV4 x 12 7-685-681-14

No.	Part No.	Description	Remark
100	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
101	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
102	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
103	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
104	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
105	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
106	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
107	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
108	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
109	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
110	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
111	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
112	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
113	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
114	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
115	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
116	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
117	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
118	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
119	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
120	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
121	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
122	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
123	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
124	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
125	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
126	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
127	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
128	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
129	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
130	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
131	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
132	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
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134	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
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136	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
137	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
138	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
139	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
140	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
141	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
142	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
143	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
144	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
145	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
146	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
147	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
148	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
149	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	
150	4-337-419-00	INSULATOR (LAME), SLIDE SWITCH	

Identified by shading and mark A are critical for safety, part number specified.

Les composants identifiés par une trame et une marque A sont critiques pour la sécurité. Ne les remplacez que par une pièce portant le numéro spécifié.

Identified by shading and mark A are critical for safety, part number specified.

Les composants identifiés par une trame et une marque A sont critiques pour la sécurité. Ne les remplacez que par une pièce portant le numéro spécifié.

B

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R016	1-247-831-00	CARBON	1K 5% 1/6W	R114	1-247-827-00	CARBON	680 5% 1/6W
R017	1-247-104-00	CARBON	75 5% 1/4W	R115	1-247-835-00	CARBON	1.5K 5% 1/6W
R019	1-247-104-00	CARBON	75 5% 1/4W	R116	1-247-803-00	CARBON	68 5% 1/6W
R020	1-247-865-00	CARBON	27K 5% 1/6W	R117	1-247-827-00	CARBON	680 5% 1/6W
R021	1-247-845-00	CARBON	3.9K 5% 1/6W	R118	1-247-827-00	CARBON	680 5% 1/6W
R022	1-247-863-00	CARBON	22K 5% 1/6W	R119	1-247-807-00	CARBON	100 5% 1/6W
R023	1-247-875-00	CARBON	68K 5% 1/6W	R120	1-247-827-00	CARBON	680 5% 1/6W
R024	1-247-850-00	CARBON	6.2K 5% 1/6W	R121	1-247-827-00	CARBON	680 5% 1/6W
R025	1-247-871-00	CARBON	47K 5% 1/6W	R122	1-247-807-00	CARBON	100 5% 1/6W
R026	1-247-173-00	CARBON	56K 5% 1/4W	R123	1-247-831-00	CARBON	1K 5% 1/6W
R027	1-247-877-00	CARBON	82K 5% 1/6W	R124	1-247-823-00	CARBON	470 5% 1/6W
R028	1-247-885-00	CARBON	180K 5% 1/6W	R125	1-247-831-00	CARBON	1K 5% 1/6W
R029	1-247-855-00	CARBON	10K 5% 1/6W	R126	1-247-807-00	CARBON	100 5% 1/6W
R030	1-247-885-00	CARBON	180K 5% 1/6W	R127	1-247-827-00	CARBON	680 5% 1/6W
R031	1-247-877-00	CARBON	82K 5% 1/6W	R128	1-247-814-00	CARBON	200 5% 1/6W
R032	1-247-871-00	CARBON	47K 5% 1/6W	R129	1-247-835-00	CARBON	1.5K 5% 1/6W
R033	1-247-863-00	CARBON	22K 5% 1/6W	R130	1-247-827-00	CARBON	680 5% 1/6W
R034	1-247-875-00	CARBON	68K 5% 1/6W	R131	1-247-823-00	CARBON	470 5% 1/6W
R035	1-247-831-00	CARBON	1K 5% 1/6W	R132	1-247-837-00	CARBON	1.8K 5% 1/6W
R036	1-247-104-00	CARBON	75 5% 1/4W	R133	1-247-799-00	CARBON	47 5% 1/6W
R037	1-247-865-00	CARBON	27K 5% 1/6W	R135	1-247-816-00	CARBON	240 5% 1/6W
R038	1-247-845-00	CARBON	3.9K 5% 1/6W	R136	1-247-839-00	CARBON	2.2K 5% 1/6W
R039	1-247-850-00	CARBON	6.2K 5% 1/6W	R137	1-247-861-00	CARBON	18K 5% 1/6W
R040	1-247-875-00	CARBON	68K 5% 1/6W	R138	1-247-843-00	CARBON	3.3K 5% 1/6W
R041	1-247-104-00	CARBON	75 5% 1/4W	R140	1-247-863-00	CARBON	22K 5% 1/6W
R042	1-247-865-00	CARBON	27K 5% 1/6W	R141	1-247-863-00	CARBON	22K 5% 1/6W
R043	1-247-878-00	CARBON	91K 5% 1/6W	R143	1-247-807-00	CARBON	100 5% 1/6W
R045	1-247-855-00	CARBON	10K 5% 1/6W	R146	1-247-803-00	CARBON	68 5% 1/6W
R046	1-247-853-00	CARBON	8.2K 5% 1/6W	R147	1-247-835-00	CARBON	1.5K 5% 1/6W
R049	1-247-873-00	CARBON	56K 5% 1/6W	R148	1-247-835-00	CARBON	1.5K 5% 1/6W
R051	1-247-839-00	CARBON	2.2K 5% 1/6W	R149	1-247-863-00	CARBON	22K 5% 1/6W
R052	1-247-807-00	CARBON	100 5% 1/6W	R150	1-247-829-00	CARBON	820 5% 1/6W
R053	1-247-871-00	CARBON	47K 5% 1/6W	R151	1-247-823-00	CARBON	470 5% 1/6W
R054	1-247-871-00	CARBON	47K 5% 1/6W	R152	1-247-829-00	CARBON	820 5% 1/6W
R055	1-247-877-00	CARBON	82K 5% 1/6W	R153	1-247-843-00	CARBON	3.3K 5% 1/6W
R056	1-247-159-00	CARBON	15K 5% 1/4W	R154	1-247-863-00	CARBON	22K 5% 1/6W
R061	1-247-226-00	CARBON	270 5% 1/2W	R155	1-247-855-00	CARBON	10K 5% 1/6W
R062	1-247-133-00	CARBON	1.2K 5% 1/4W	R156	1-247-867-00	CARBON	33K 5% 1/6W
R063	1-247-791-00	CARBON	22 5% 1/6W	R157	1-247-867-00	CARBON	33K 5% 1/6W
R100	1-247-853-00	CARBON	8.2K 5% 1/6W	R158	1-247-875-00	CARBON	68K 5% 1/6W
R101	1-247-869-00	CARBON	39K 5% 1/6W	R159	1-247-827-00	CARBON	680 5% 1/6W
R102	1-247-815-00	CARBON	220 5% 1/6W	R160	1-247-869-00	CARBON	39K 5% 1/6W
R103	1-247-833-00	CARBON	1.2K 5% 1/6W	R161	1-247-855-00	CARBON	10K 5% 1/6W
R104	1-247-819-00	CARBON	330 5% 1/6W	R162	1-247-871-00	CARBON	47K 5% 1/6W
R105	1-247-827-00	CARBON	680 5% 1/6W	R165	1-247-903-00	CARBON	1M 5% 1/6W
R106	1-247-843-00	CARBON	3.3K 5% 1/6W	R167	1-247-835-00	CARBON	1.5K 5% 1/6W
R107	1-247-849-00	CARBON	5.6K 5% 1/6W	R168	1-247-867-00	CARBON	33K 5% 1/6W
R108	1-247-855-00	CARBON	10K 5% 1/6W	R170	1-247-859-00	CARBON	15K 5% 1/6W
R109	1-247-823-00	CARBON	470 5% 1/6W	R171	1-247-879-00	CARBON	100K 5% 1/6W
R110	1-247-823-00	CARBON	470 5% 1/6W	R173	1-247-847-00	CARBON	4.7K 5% 1/6W
R111	1-247-839-00	CARBON	2.2K 5% 1/6W	R176	1-247-887-00	CARBON	220K 5% 1/6W
R112	1-247-827-00	CARBON	680 5% 1/6W	R177	1-247-879-00	CARBON	100K 5% 1/6W
R113	1-247-817-00	CARBON	270 5% 1/6W	R178	1-247-883-00	CARBON	150K 5% 1/6W

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R179	1-247-875-00	CARBON	68K 5% 1/6W	R234	1-247-815-00	CARBON	220 5% 1/6W
R180	1-247-831-00	CARBON	1K 5% 1/6W	R235	1-247-823-00	CARBON	470 5% 1/6W
R181	1-247-855-00	CARBON	10K 5% 1/6W	R236	1-247-807-00	CARBON	100 5% 1/6W
R182	1-247-871-00	CARBON	47K 5% 1/6W	R237	1-247-815-00	CARBON	220 5% 1/6W
R183	1-247-843-00	CARBON	3.3K 5% 1/6W	R238	1-247-867-00	CARBON	33K 5% 1/6W
R184	1-247-833-00	CARBON	1.2K 5% 1/6W	R239	1-247-877-00	CARBON	82K 5% 1/6W
R185	1-247-877-00	CARBON	82K 5% 1/6W	R240	1-247-841-00	CARBON	2.7K 5% 1/6W
R186	1-247-823-00	CARBON	470 5% 1/6W	R241	1-247-863-00	CARBON	22K 5% 1/6W
R187	1-247-865-00	CARBON	27K 5% 1/6W	R242	1-247-854-00	CARBON	9.1K 5% 1/6W
R188	1-247-867-00	CARBON	33K 5% 1/6W	R243	1-247-857-00	CARBON	12K 5% 1/6W
R189	1-247-875-00	CARBON	68K 5% 1/6W	R244	1-247-843-00	CARBON	3.3K 5% 1/6W
R190	1-247-867-00	CARBON	33K 5% 1/6W	R245	1-247-849-00	CARBON	5.6K 5% 1/6W
R191	1-247-871-00	CARBON	47K 5% 1/6W	R246	1-247-855-00	CARBON	10K 5% 1/6W
R192	1-247-839-00	CARBON	2.2K 5% 1/6W	R247	1-247-859-00	CARBON	15K 5% 1/6W
R193	1-247-845-00	CARBON	3.9K 5% 1/6W	R248	1-247-839-00	CARBON	2.2K 5% 1/6W
R194	1-247-859-00	CARBON	15K 5% 1/6W	R249	1-247-871-00	CARBON	47K 5% 1/6W
R195	1-247-839-00	CARBON	2.2K 5% 1/6W	R250	1-247-885-00	CARBON	180K 5% 1/6W
R196	1-247-865-00	CARBON	27K 5% 1/6W	R251	1-247-849-00	CARBON	5.6K 5% 1/6W
R197	1-247-827-00	CARBON	680 5% 1/6W	R252	1-247-853-00	CARBON	8.2K 5% 1/6W
R198	1-247-827-00	CARBON	680 5% 1/6W	R253	1-247-843-00	CARBON	3.3K 5% 1/6W
R199	1-247-831-00	CARBON	1K 5% 1/6W	R254	1-247-855-00	CARBON	10K 5% 1/6W
R200	1-247-879-00	CARBON	100K 5% 1/6W	R255	1-247-831-00	CARBON	1K 5% 1/6W
R201	1-247-903-00	CARBON	1M 5% 1/6W	R256	1-247-853-00	CARBON	8.2K 5% 1/6W
R202	1-247-903-00	CARBON	1M 5% 1/6W	R258	1-247-839-00	CARBON	2.2K 5% 1/6W
R203	1-247-855-00	CARBON	10K 5% 1/6W	R259	1-247-853-00	CARBON	8.2K 5% 1/6W
R204	1-247-855-00	CARBON	10K 5% 1/6W	R260	1-247-875-00	CARBON	68K 5% 1/6W
R205	1-247-855-00	CARBON	10K 5% 1/6W	R261	1-247-855-00	CARBON	10K 5% 1/6W
R206	1-247-875-00	CARBON	68K 5% 1/6W	R262	1-247-879-00	CARBON	100K 5% 1/6W
R207	1-247-815-00	CARBON	220 5% 1/6W	R263	1-247-855-00	CARBON	10K 5% 1/6W
R208	1-247-855-00	CARBON	10K 5% 1/6W	R264	1-247-875-00	CARBON	68K 5% 1/6W
R209	1-247-867-00	CARBON	33K 5% 1/6W	R265	1-247-855-00	CARBON	10K 5% 1/6W
R210	1-247-815-00	CARBON	220 5% 1/6W	R266	1-247-855-00	CARBON	10K 5% 1/6W
R211	1-247-815-00	CARBON	220 5% 1/6W	R267	1-247-875-00	CARBON	68K 5% 1/6W
R212	1-247-845-00	CARBON	3.9K 5% 1/6W	R268	1-247-875-00	CARBON	68K 5% 1/6W
R213	1-247-815-00	CARBON	220 5% 1/6W	R269	1-247-855-00	CARBON	10K 5% 1/6W
R214	1-247-815-00	CARBON	220 5% 1/6W	R270	1-247-827-00	CARBON	680 5% 1/6W
R215	1-247-847-00	CARBON	4.7K 5% 1/6W	R271	1-247-179-00	CARBON	100K 5% 1/4W
R216	1-247-879-00	CARBON	100K 5% 1/6W	R272	1-246-517-25	CARBON	68K 5% 1/4W
R217	1-247-879-00	CARBON	100K 5% 1/6W	R273	1-246-545-00	CARBON	1M 5% 1/4W
R218	1-247-855-00	CARBON	10K 5% 1/6W	R274	1-247-171-00	CARBON	47K 5% 1/4W
R219	1-247-849-00	CARBON	5.6K 5% 1/6W	R275	1-247-855-00	CARBON	10K 5% 1/6W
R220	1-247-867-00	CARBON	33K 5% 1/6W	R276	1-247-859-00	CARBON	15K 5% 1/6W
R221	1-247-867-00	CARBON	33K 5% 1/6W	R277	1-247-829-00	CARBON	820 5% 1/6W
R222	1-247-875-00	CARBON	68K 5% 1/6W	R278	1-247-839-00	CARBON	2.2K 5% 1/6W
R223	1-247-849-00	CARBON	5.6K 5% 1/6W	R279	1-247-167-00	CARBON	33K 5% 1/4W
R224	1-247-891-00	CARBON	330K 5% 1/6W	R280	1-247-871-00	CARBON	47K 5% 1/6W
R225	1-247-879-00	CARBON	100K 5% 1/6W	R281	1-247-859-00	CARBON	15K 5% 1/6W
R226	1-247-878-00	CARBON	91K 5% 1/6W	R282	1-247-839-00	CARBON	2.2K 5% 1/8W
R228	1-247-835-00	CARBON	1.5K 5% 1/6W	R283	1-247-847-00	CARBON	4.7K 5% 1/6W
R230	1-247-847-00	CARBON	4.7K 5% 1/6W	R284	1-247-853-00	CARBON	8.2K 5% 1/6W
R231	1-247-873-00	CARBON	56K 5% 1/6W	R285	1-247-843-00	CARBON	3.3K 5% 1/6W
R232	1-247-861-00	CARBON	390 5% 1/6W	R286	1-247-843-00	CARBON	3.3K 5% 1/6W
R233	1-247-815-00	CARBON	220 5% 1/6W	R287	1-247-903-00	CARBON	1M 5% 1/6W

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R298	1-247-879-00	CARBON	100K 5% 1/6W			SWITCH	
R290	1-247-855-00	CARBON	10K 5% 1/6W				
R291	1-247-855-00	CARBON	10K 5% 1/6W	S1	1-553-725-00	SWITCH, SLIDE	
R292	1-247-071-00	CARBON	1 5% 1/4W	S2	1-553-725-00	SWITCH, SLIDE	
R293	1-247-841-00	CARBON	2.7K 5% 1/6W	S3	1-553-725-00	SWITCH, SLIDE	
						TRANSFORMER	
R294	1-247-807-00	CARBON	100 5% 1/6W	T101	1-408-513-00	COIL (VARIABLE)	
R295	1-247-855-00	CARBON	10K 5% 1/6W	T102	1-409-193-00	COIL 3.58MHZ TRAP	
R296	1-247-179-00	CARBON	100K 5% 1/4W	T103	1-409-193-00	COIL 3.58MHZ TRAP	
R297	1-247-871-00	CARBON	47K 5% 1/6W	T104	1-404-083-00	TRANSFORMER, DELAY ADJUST	
R298	1-247-871-00	CARBON	47K 5% 1/6W	T201	1-404-146-00	TRANSFORMER	
R299	1-247-823-00	CARBON	470 5% 1/6W	T202	1-408-532-00	COIL, VARIABLE	
R301	1-247-658-00	CARBON	47 5% 1/4W F	T203	1-408-532-00	COIL, VARIABLE	
R302	1-247-871-00	CARBON	47K 5% 1/6W	T204	1-408-513-00	COIL (VARIABLE)	
R303	1-247-827-00	CARBON	680 5% 1/6W				
R304	1-247-827-00	CARBON	680 5% 1/6W				
						THERMISTOR	
R305	1-247-827-00	CARBON	680 5% 1/6W				
R306	1-247-883-00	CARBON	150K 5% 1/6W	TH101	1-800-070-XX	THERMISTOR TH-4700	
R307	1-247-819-00	CARBON	330 5% 1/6W	TH201	1-800-626-00	THERMISTOR	
R308	1-247-865-00	CARBON	27K 5% 1/6W				
R309	1-247-815-00	CARBON	220 5% 1/6W			CRYSTAL	
R310	1-247-843-00	CARBON	3.3K 5% 1/6W	X101	1-527-396-00	CRYSTAL, OSC	
R311	1-247-872-00	CARBON	51K 5% 1/6W	X102	1-527-345-00	CRYSTAL, OSC	
R312	1-247-839-00	CARBON	2.2K 5% 1/6W				
R313	1-247-847-00	CARBON	4.7K 5% 1/6W				
R314	1-247-867-00	CARBON	33K 5% 1/6W				

R315	1-247-835-00	CARBON	1.5K 5% 1/6W			*A-1245-230-A F 80A00, COMPLETE	
R316	1-247-835-00	CARBON	1.5K 5% 1/6W			*****	
R317	1-247-127-00	CARBON	680 5% 1/4W			CAPACITOR	
R318	1-247-813-00	CARBON	180 5% 1/6W				
R319	1-247-823-00	CARBON	470 5% 1/6W	C601	1-108-745-52	MYLAR	0.22MF 20% 125V
				C602	1-108-745-52	MYLAR	0.22MF 20% 125V
R322	1-247-851-00	CARBON	6.8K 5% 1/6W	C603	1-161-953-51	CERAMIC	0.0047MF 20% 400V
R324	1-247-127-00	CARBON	680 5% 1/4W	C604	1-161-953-51	CERAMIC	0.0047MF 20% 400V
R325	1-247-855-00	CARBON	10K 5% 1/6W	C605	1-161-953-51	CERAMIC	0.0047MF 20% 400V
R326	1-247-845-00	CARBON	3.9K 5% 1/6W	C606	1-161-953-51	CERAMIC	0.0047MF 20% 400V
R328	1-247-837-00	CARBON	1.8K 5% 1/6W	C607	1-161-953-51	CERAMIC	0.0047MF 20% 400V
				C608	1-161-953-00	CERAMIC	0.0047MF 20% 400V
R329	1-247-845-00	CARBON	3.9K 5% 1/6W	C609	1-161-953-00	CERAMIC	0.0047MF 20% 400V
R332	1-247-873-00	CARBON	56K 5% 1/6W	C610	1-161-953-51	CERAMIC	0.0047MF 20% 400V
R348	1-247-857-00	CARBON	12K 5% 1/6W				
R349	1-247-853-00	CARBON	10K 5% 1/6W				
		VARIABLE RESISTOR					
RV101	1-226-845-00	RES, ADJ, CARBON	330	G11	1-125-260-00	ELECT (BLOCK)	470MF 200V
RV103	1-226-849-00	RES, ADJ, CARBON	3.3K	G12	1-123-335-00	ELECT	330MF 20% 25V

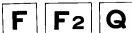
The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C627	1-123-024-00	ELECT	33MF 160V	IC			
C628	1-123-024-00	ELECT	33MF 160V	IC601	8-759-100-75	IC UPCI394C	COIL
C629	1-123-360-00	ELECT	100MF 20V 50V				
C630	1-123-998-00	ELECT	470MF 20V 25V				
C631	1-123-998-00	ELECT	470MF 20V 25V				
C632	1-123-323-00	ELECT	470MF 20V 16V	L601	1-408-225-00	MICRO INDUCTOR 3.3UH	
C635	1-102-123-00	CERAMIC	0.0033MF 10V 50V	L602	1-407-365-00	COIL, CHDKE (HIGH FREQUENCY)	
C640	1-161-953-51	CERAMIC	0.0047MF 20V 400V	L603	1-407-687-00	MICRO INDUCTOR 3.3UH	
C643	1-123-333-00	ELECT	100MF 20V 16V	L609	1-459-155-00	COIL (WITH CORE) 45MH	
C644	1-123-334-00	ELECT	220MF 20V 25V	L610	1-459-155-00	COIL (WITH CORE) 45MH	
C645	1-123-334-00	ELECT	220MF 20V 25V	L612	1-459-155-00	COIL (WITH CORE) 45MH	
C646	1-123-359-00	ELECT	47MF 20V 50V	L613	1-407-687-00	MICRO INDUCTOR 3.3UH	
C647	1-123-024-00	ELECT	33MF 160V	L615	1-407-364-00	COIL, SPOOK CHDKE 3.3UH	
C648	1-161-742-12	CERAMIC	0.0022MF 20V 400V	TRANSISTOR			
C649	1-161-742-12	CERAMIC	0.0022MF 20V 400V				
C650	1-108-745-52	MYLAR	0.22MF 20V 125V	Q601	8-729-168-82	TRANSISTOR 2SC2688	
C656	1-101-004-00	CERAMIC	0.01MF 50V	Q602	8-729-313-82	TRANSISTOR 2SD1138	
C657	1-101-004-00	CERAMIC	0.01MF 50V	*4-347-706-00		HEAT SINK (TR), Q602	
C658	1-108-429-00	MYLAR	0.047MF 10V 200V	Q603	8-729-103-43	TRANSISTOR 2SB734	
C659	1-102-820-00	CERAMIC	330PF 5V 50V	Q604	8-729-177-43	TRANSISTOR 2SD774	
C660	1-101-004-00	CERAMIC	0.01MF 50V	Q605	8-729-802-07	TRANSISTOR 2SD1403-CA	
C665	1-123-027-00	ELECT	2.2MF 250V	4-363-414-00		SPACER, MICA, Q605	
DIODE				*4-367-204-00		HOLDER (REG OUT), TRANSFORMER, Q605	
D601	8-719-503-06	DIODE S3WB60Z		Q606	8-729-177-43	TRANSISTOR 2SD774	
D602	8-719-100-77	DIODE RD18E-B2		RESISTOR			
D603	8-719-911-55	DIODE 005G		R601	1-202-727-51	SOLID 4.7M 10% 1/2W	
D604	8-719-924-06	DIODE ERC24-06S		R602	1-202-730-11	SOLID 8.2M 10% 1/2W	
D605	8-719-924-06	DIODE ERC24-06S		R603	1-244-919-51	CARBON 82K 5% 1/2W	
D606	8-719-911-55	DIODE 005G		R604	1-206-671-00	METAL OXIDE 2K 5% 2W	
D607	8-719-300-76	DIODE RH-1A		R605	1-247-847-00	CARBON 4.7K 5% 1/6W	F
D608	8-719-102-74	DIODE RD6.2E-N2		R606	1-217-266-00	WIREWOUND 27 10% 3W	F
D609	8-719-901-83	DIODE V19E		R607	1-247-805-00	CARBON 82 5% 1/6W	F
D610	8-719-100-87	DIODE RD22E-B3		R608	1-207-904-00	WIREWOUND 0.12 10% 2W	F
D611	8-719-901-83	DIODE 1SS83		R609	1-217-320-11	WIREWOUND 680 10% 5W	F
D612	8-719-900-26	DIODE ERD29-08J		R610	1-217-320-11	WIREWOUND 680 10% 5W	F
D613	8-719-901-93	DIODE V19E		R611	1-213-145-00	METAL OXIDE 1.5K 5% 1W	F
D614	8-719-901-93	DIODE V19E		R612	1-247-870-00	CARBON 43K 5% 1/6W	
D615	8-719-981-00	DIODE ERC81-004		R613	1-247-819-00	CARBON 330 5% 1/6W	
D616	8-719-981-00	DIODE ERC81-004		R614	1-215-437-00	METAL 4.7K 1% 1/6W	
CONNECTOR				R615	1-215-437-00	METAL 4.7K 1% 1/6W	
F1	*1-506-349-21	3P PLOG (L)		R616	1-247-843-00	CARBON 3.3K 5% 1/6W	
F3	*1-508-765-00	3P PLOG (M)		R618	1-247-881-00	CARBON 120K 5% 1/6W	
F4	*1-560-290-00	PLOG, CONNECTOR (2.5MM PITCH)		R619	1-247-895-00	CARBON 470K 5% 1/6W	
F6	*1-508-765-00	4P PLOG (M)		R620	1-247-855-00	CARBON 27K 5% 1/6W	
F7	*1-560-124-00	PLOG, CONNECTOR (2.5MM PITCH)		R621	1-247-855-00	CARBON 10K 5% 1/6W	
F8	*1-560-123-00	PLOG, CONNECTOR (2.5MM) 3P		R622	1-215-441-00	METAL 6.8K 1% 1/6W	
FUSE				R624	1-215-456-00	METAL 30K 1% 1/6W	
F601	1-532-656-11	FUSE, GLASS TUBE 6.3A		R625	1-247-855-00	CARBON 10K 5% 1/6W	
	1-533-087-00	HOLDER, FUSE, F601		R626	1-247-807-00	CARBON 100 5% 1/6W	
				R627	1-247-871-00	CARBON 47K 5% 1/6W	
				R628	1-247-831-00	CARBON 1K 5% 1/6W	
				R629	1-247-829-00	CARBON 820 5% 1/6W	

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R630	1-247-815-00	CARBON	220 5% 1/6W	*A-1275-055-A	Q BOARD, COMPLETE		
R631	1-213-163-00	METAL OXIDE	47K 5% 1W F		*****		
R632	1-247-807-00	CARBON	100 5% 1/8W F	1-408-408-00	MICRO INDUCTOR 8.20H		
R640		METAL	1/6W	1-536-843-11	TERMINAL BOARD, INPUT/OUTPUT (8)		
R643	1-212-352-00	METAL OXIDE	0.22 5% 1W F	*4-603-275-00	LOCK, SCREW		
R644	1-217-418-00	FUSIBLE	0.47 10% 1/2W F				
R645	1-212-356-00	METAL OXIDE	0.47 5% 1W F				
R646	1-212-356-00	METAL OXIDE	0.47 5% 1W F				
R647	1-212-352-00	METAL OXIDE	0.22 5% 1W F				
R648	1-202-841-00	SOLID	180K 1/2W				
R649	1-202-433-35	SOLID	120K 10% 1/4W				
R650	1-247-831-00	CARBON	1K 5% 1/6W				
R659	1-217-286-11	WIREWOUND	1 10% 5W F				
R660	1-247-692-11	CARBON	22 5% 1/4W F				
R665	1-247-173-00	CARBON	56K 5% 1/4W				
R666	1-247-791-00	CARBON	22 5% 1/8W F				
		<u>VARIABLE RESISTOR</u>					
RV601	1-224-249-XX	RES, ADJ, METAL GLAZE 1K					
		<u>TRANSFORMER</u>					
T601	1-421-556-21	TRANSFORMER, LINE FILTER (LFT)					
T602	1-421-556-21	TRANSFORMER, LINE FILTER (LFT)					
T603	1-421-692-11	SRT					
T604	1-421-678-11	TRANSFORMER, PULS					
		<u>THERMISTOR</u>					
THP601	1-800-686-32	THERMISTOR (POSITIVE)					
THP602	1-806-449-11	THERMISTOR (POSITIVE)					

	*1-613-847-11	F2 BOARD					

	*1-564-315-00	PIN ASSY, BOARD TO BOARD 7P					
		<u>CAPACITOR</u>					
C655	1-123-381-00	ELECT	2.2MF 20% 50V				
		<u>DIODE</u>					
D617	8-729-101-31	TRANSISTOR N13T1					
D620	8-719-102-90	DIODE RD10E-N2					
		<u>TRANSISTOR</u>					
Q609	8-729-245-83	TRANSISTOR 2SC2458					
		<u>RESISTOR</u>					
R655	1-244-919-51	CARBON	82K 5% 1/2W				
R656	1-247-863-00	CARBON	22K 5% 1/6W				
R657	1-247-807-00	CARBON	100 5% 1/6W				
R658	1-247-863-00	CARBON	150K 5% 1/6W				


- The components identified by **F** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Select the resistance value according to **SAFETY RELATED ADJUSTMENT**.


The components identified by shading and mark **F** are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque **F** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Q

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C491	1-123-332-00	ELECT 47MF	20X 25V	F404	1-533-087-00	HOLDER, FUSE, F403	
C492	1-123-332-00	ELECT 47MF	20X 25V		1-532-580-11	FUSE, GLASS TUBE	0.5A-125V
C493	1-101-361-00	CERAMIC 150PF	5X 50V		1-533-087-00	HOLDER, FUSE, F404	
C494	1-106-196-00	MYLAR 0.01MF	10X 100V				
C495	1-101-006-00	CERAMIC 0.047MF	50V				
C497	1-123-356-00	ELECT 10MF	20X 25V				
		<u>CONNECTOR</u>					
CN407	*1-562-243-00	CONNECTOR 25P					
Q1	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P					
Q2	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P					
Q3	*1-560-224-00	PLUG, CONNECTOR (2.5MM) 10P					
Q4	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P					
Q5	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P					
Q7	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)					
		<u>DIODE</u>					
D401	8-719-911-19	DIODE 1SS119					
D402	8-719-911-19	DIODE 1SS119					
D403	8-719-911-19	DIODE 1SS119					
D404	8-719-100-37	DIODE R06.2E-B1					
D405	8-719-100-37	DIODE R06.2E-B1					
D406	8-719-100-37	DIODE R06.2E-B1					
D407	8-719-100-37	DIODE R06.2E-B1					
D408	8-719-911-19	DIODE 1SS119					
D409	8-719-911-19	DIODE 1SS119					
D410	8-719-911-19	DIODE 1SS119					
D411	8-719-911-19	DIODE 1SS119					
D412	8-719-911-19	DIODE 1SS119					
D414	8-719-911-19	DIODE 1SS119					
D415	8-719-911-19	DIODE 1SS119					
D416	8-719-911-19	DIODE 1SS119					
D418	8-719-100-37	DIODE R06.2E-B1					
D419	8-719-100-37	DIODE R06.2E-B1					
D420	8-719-911-19	DIODE 1SS119					
D422	8-719-100-37	DIODE R06.2E-B1					
D423	8-719-100-22	DIODE R04.3E-B1					
D424	8-719-911-19	DIODE 1SS119					
D425	8-719-100-26	DIODE R04.7E-B1					
D426	8-719-100-37	DIODE R06.2E-B1					
D427	8-719-100-37	DIODE R06.2E-B1					
D428	8-719-100-37	DIODE R06.2E-B1					
D435	8-719-911-19	DIODE 1SS119					
D436	8-719-911-19	DIODE 1SS119					
D437	8-719-911-19	DIODE 1SS119					
		<u>FUSE</u>					
F401	1-532-580-11	FUSE, GLASS TUBE					
	1-533-087-00	HOLDER, FUSE, F401					
F402	1-532-536-11	FUSE, GLASS TUBE 1A 125V					
	1-533-087-00	HOLDER, FUSE, F402					
F403	1-532-580-11	FUSE, GLASS TUBE					
		<u>COIL</u>					
L407	1-408-163-00	MICRO INDUCTOR 5.6MMH					
		<u>TRANSISTOR</u>					
Q401	8-729-204-83	TRANSISTOR 2SA1048GR					
Q402	8-729-245-83	TRANSISTOR 2SC2458					
Q403	8-729-204-83	TRANSISTOR 2SA1048GR					
Q404	8-729-245-83	TRANSISTOR 2SC2458					
Q405	8-729-204-83	TRANSISTOR 2SA1048GR					
Q406	8-729-245-83	TRANSISTOR 2SC2458					
Q407	8-729-204-83	TRANSISTOR 2SA1048GR					
Q408	8-729-204-83	TRANSISTOR 2SA1048GR					
Q409	8-729-245-83	TRANSISTOR 2SC2458					
Q410	8-729-204-83	TRANSISTOR 2SA1048GR					
Q411	8-729-245-83	TRANSISTOR 2SC2458					
Q412	8-729-245-83	TRANSISTOR 2SC2458					
Q413	8-729-245-83	TRANSISTOR 2SC2458					
Q414	8-729-204-83	TRANSISTOR 2SA1048GR					
Q415	8-729-245-83	TRANSISTOR 2SC2458					
Q416	8-729-245-83	TRANSISTOR 2SC2458					
Q417	8-729-245-83	TRANSISTOR 2SC2458					
Q418	8-729-204-83	TRANSISTOR 2SA1048GR					
Q419	8-729-245-83	TRANSISTOR 2SC2458					
Q420	8-729-245-83	TRANSISTOR 2SC2458					
Q421	8-729-245-83	TRANSISTOR 2SC2458					
Q422	8-729-245-83	TRANSISTOR 2SC2458					
Q423	8-729-245-83	TRANSISTOR 2SC2458					
Q424	8-729-204-83	TRANSISTOR 2SA1048GR					
Q425	8-729-245-83	TRANSISTOR 2SC2458					
Q426	8-729-245-83	TRANSISTOR 2SC2458					
Q429	8-729-245-83	TRANSISTOR 2SC2458					
Q430	8-729-204-83	TRANSISTOR 2SA1048GR					
Q431	8-729-245-83	TRANSISTOR 2SC2458					
Q433	8-729-204-83	TRANSISTOR 2SA1048GR					
Q434	8-729-204-83	TRANSISTOR 2SA1048GR					

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Q

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
Q435	8-729-204-83	TRANSISTOR 2SA1048GR		R410	1-247-878-00	CARBON 91K 5%	1/6W
Q442	8-729-245-83	TRANSISTOR 2SC2458		R411	1-247-833-00	CARBON 1.2K 5%	1/6W
Q443	8-729-245-83	TRANSISTOR 2SC2458		R412	1-247-865-00	CARBON 27K 5%	1/6W
Q444	8-729-245-83	TRANSISTOR 2SC2458		R413	1-247-853-00	CARBON 8.2K 5%	1/6W
Q445	8-729-204-83	TRANSISTOR 2SA1048GR		R414	1-247-829-00	CARBON 820 5%	1/6W
Q446	8-729-204-83	TRANSISTOR 2SA1048GR		R415	1-247-104-00	CARBON 75 5%	1/4W
Q447	8-729-245-83	TRANSISTOR 2SC2458		R416	1-247-131-00	CARBON 1K 5%	1/6W
Q448	8-729-204-83	TRANSISTOR 2SA1048GR		R417	1-247-878-00	CARBON 91K 5%	1/6W
Q449	8-729-245-83	TRANSISTOR 2SC2458		R418	1-247-833-00	CARBON 1.2K 5%	1/6W
Q450	8-729-204-83	TRANSISTOR 2SA1048GR		R419	1-247-865-00	CARBON 27K 5%	1/6W
Q451	8-729-245-83	TRANSISTOR 2SC2458		R420	1-247-853-00	CARBON 8.2K 5%	1/6W
Q452	8-729-204-83	TRANSISTOR 2SA1048GR		R421	1-247-829-00	CARBON 820 5%	1/6W
Q453	8-729-245-83	TRANSISTOR 2SC2458		R422	1-247-173-00	CARBON 56K 5%	1/6W
Q454	8-729-204-83	TRANSISTOR 2SA1048GR		R423	1-247-885-00	CARBON 180K 5%	1/6W
Q455	8-729-245-83	TRANSISTOR 2SC2458		R424	1-247-877-00	CARBON 82K 5%	1/6W
Q456	8-729-245-83	TRANSISTOR 2SC2458		R425	1-247-871-00	CARBON 47K 5%	1/6W
Q457	8-729-204-83	TRANSISTOR 2SA1048GR		R426	1-247-851-00	CARBON 6.8K 5%	1/6W
RESISTOR				R427	1-247-847-00	CARBON 4.7K 5%	1/6W
R351	1-247-855-00	CARBON 10K 5%	1/6W	R428	1-247-173-00	CARBON 56K 5%	1/4W
R352	1-247-815-00	CARBON 220 5%	1/6W	R429	1-247-885-00	CARBON 180K 5%	1/6W
R353	1-247-855-00	CARBON 10K 5%	1/6W	R430	1-247-877-00	CARBON 82K 5%	1/6W
R354	1-247-815-00	CARBON 220 5%	1/6W	R431	1-247-871-00	CARBON 47K 5%	1/6W
R355	1-247-807-00	CARBON 100 5%	1/6W	R432	1-247-851-00	CARBON 6.8K 5%	1/6W
R356	1-247-127-00	CARBON 680 5%	1/4W	R433	1-247-847-00	CARBON 4.7K 5%	1/6W
R357	1-247-127-00	CARBON 680 5%	1/4W	R434	1-247-807-00	CARBON 100 5%	1/6W
R358	1-247-827-00	CARBON 680 5%	1/6W	R435	1-247-879-00	CARBON 100K 5%	1/6W
R359	1-247-827-00	CARBON 680 5%	1/6W	R436	1-247-103-00	CARBON 68 5%	1/4W
R361	1-247-127-00	CARBON 680 5%	1/4W	R437	1-247-131-00	CARBON 1K 5%	1/4W
R362	1-247-127-00	CARBON 680 5%	1/4W	R438	1-247-839-00	CARBON 2.2K 5%	1/6W
R364	1-247-827-00	CARBON 680 5%	1/6W	R439	1-247-155-00	CARBON 10K 5%	1/4W
R365	1-247-127-00	CARBON 680 5%	1/4W	R440	1-247-878-00	CARBON 91K 5%	1/6W
R366	1-247-115-00	CARBON 220 5%	1/4W	R442	1-247-865-00	CARBON 27K 5%	1/6W
R367	1-247-115-00	CARBON 220 5%	1/4W	R443	1-247-853-00	CARBON 8.2K 5%	1/6W
R368	1-247-855-00	CARBON 10K 5%	1/6W	R444	1-247-103-00	CARBON 68 5%	1/4W
R369	1-247-815-00	CARBON 220 5%	1/6W	R445	1-247-131-00	CARBON 1K 5%	1/4W
R370	1-247-815-00	CARBON 220 5%	1/6W	R446	1-247-839-00	CARBON 2.2K 5%	1/6W
R371	1-247-843-00	CARBON 3.3K 5%	1/6W	R447	1-247-155-00	CARBON 10K 5%	1/4W
R372	1-246-485-25	CARBON 3.3K 5%	1/4W	R448	1-247-878-00	CARBON 91K 5%	1/6W
R373	1-246-537-00	CARBON 470K 5%	1/4W	R450	1-247-865-00	CARBON 27K 5%	1/6W
R374	1-247-871-00	CARBON 47K 5%	1/6W	R451	1-247-853-00	CARBON 8.2K 5%	1/6W
R377	1-247-845-00	CARBON 3.9K 5%	1/6W	R452	1-247-103-00	CARBON 68 5%	1/4W
R378	1-247-855-00	CARBON 10K 5%	1/6W	R453	1-247-131-00	CARBON 1K 5%	1/4W
R379	1-247-127-00	CARBON 680 5%	1/4W	R454	1-247-839-00	CARBON 2.2K 5%	1/6W
R401	1-247-104-00	CARBON 75 5%	1/4W	R455	1-247-155-00	CARBON 10K 5%	1/4W
R402	1-247-131-00	CARBON 1K 5%	1/4W	R456	1-247-878-00	CARBON 91K 5%	1/6W
R403	1-247-878-00	CARBON 91K 5%	1/6W	R458	1-247-865-00	CARBON 27K 5%	1/6W
R404	1-247-833-00	CARBON 1.2K 5%	1/6W	R459	1-247-853-00	CARBON 8.2K 5%	1/6W
R405	1-247-805-00	CARBON 27K 5%	1/6W	R460	1-247-107-00	CARBON 100 5%	1/4W
R406	1-247-853-00	CARBON 8.2K 5%	1/6W	R461	1-247-839-00	CARBON 2.2K 5%	1/6W
R407	1-247-829-00	CARBON 820 5%	1/6W	R462	1-247-831-00	CARBON 1K 5%	1/6W
R408	1-247-104-00	CARBON 75 5%	1/4W	R463	1-247-845-00	CARBON 3.9K 5%	1/6W
R409	1-247-131-00	CARBON 1K 5%	1/4W	R465	1-247-835-00	CARBON 1.5K 5%	1/6W
				R466	1-247-819-00	CARBON 330 5%	1/6W

Q

Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
R467	1-247-829-00	CARBON	82U	5%	1/6W	R1433	1-247-843-00	CARBON	3.3K	5%	1/6W
R468	1-247-835-00	CARBON	1.5K	5%	1/6W	R1434	1-247-848-00	CARBON	5.1K	5%	1/6W
R469	1-247-819-00	CARBON	330	5%	1/6W	R1435	1-247-833-00	CARBON	1.2K	5%	1/6W
R470	1-247-829-00	CARBON	82U	5%	1/6W	R1436	1-247-869-00	CARBON	39K	5%	1/6W
R471	1-247-835-00	CARBON	1.5K	5%	1/6W	R1437	1-247-855-00	CARBON	10K	5%	1/6W
R472	1-247-819-00	CARBON	330	5%	1/6W	R1438	1-247-849-00	CARBON	5.6K	5%	1/6W
R473	1-247-829-00	CARBON	82U	5%	1/6W	R1439	1-247-847-00	CARBON	4.7K	5%	1/6W
R474	1-247-847-00	CARBON	4.7K	5%	1/6W	R1441	1-247-863-00	CARBON	22K	5%	1/6W
R475	1-247-853-00	CARBON	8.2K	5%	1/6W	R1442	1-247-901-00	CARBON	820K	5%	1/6W
R476	1-247-831-00	CARBON	1K	5%	1/6W	R1443	1-247-901-00	CARBON	820K	5%	1/6W
R477	1-247-847-00	CARBON	4.7K	5%	1/6W	R1444	1-247-901-00	CARBON	820K	5%	1/6W
R478	1-247-847-00	CARBON	4.7K	5%	1/6W	R1445	1-247-867-00	CARBON	33K	5%	1/6W
R479	1-247-847-00	CARBON	4.7K	5%	1/6W	R1446	1-247-867-00	CARBON	33K	5%	1/6W
R480	1-247-103-00	CARBON	68	5%	1/4W	R1447	1-246-527-00	CARBON	180K	5%	1/4W
R481	1-247-139-00	CARBON	2.2K	5%	1/4W	R1448	1-247-849-00	CARBON	5.6K	5%	1/6W
R482	1-247-839-00	CARBON	2.2K	5%	1/6W	R1449	1-247-839-00	CARBON	2.2K	5%	1/6W
R483	1-247-807-00	CARBON	100	5%	1/6W	R1451	1-247-831-00	CARBON	1K	5%	1/6W
R484	1-247-855-00	CARBON	10K	5%	1/6W	R1452	1-247-843-00	CARBON	3.3K	5%	1/6W
R485	1-247-878-00	CARBON	91K	5%	1/6W	R1453	1-247-831-00	CARBON	1K	5%	1/6W
R486	1-247-865-00	CARBON	27K	5%	1/6W	R1454	1-247-843-00	CARBON	3.3K	5%	1/6W
R487	1-247-853-00	CARBON	8.2K	5%	1/6W	R1455	1-247-839-00	CARBON	2.2K	5%	1/6W
R488	1-247-115-00	CARBON	220	5%	1/4W	R1456	1-247-823-00	CARBON	470	5%	1/6W
R489	1-247-147-00	CARBON	4.7K	5%	1/4W	R1457	1-247-839-00	CARBON	2.2K	5%	1/6W
R490	1-247-835-00	CARBON	1.5K	5%	1/6W	R1458	1-247-799-00	CARBON	47	5%	1/6W
R491	1-247-839-00	CARBON	2.2K	5%	1/6W	R1459	1-247-825-00	CARBON	560	5%	1/6W
R492	1-247-829-00	CARBON	82U	5%	1/6W	R1460	1-247-791-00	CARBON	22	5%	1/6W
R493	1-247-819-00	CARBON	330	5%	1/6W	R1461	1-247-839-00	CARBON	2.2K	5%	1/6W
R494	1-247-847-00	CARBON	4.7K	5%	1/6W	R1462	1-247-823-00	CARBON	470	5%	1/6W
R495	1-247-863-00	CARBON	22K	5%	1/6W	R1463	1-247-839-00	CARBON	2.2K	5%	1/6W
R496	1-247-871-00	CARBON	47K	5%	1/6W	R1464	1-247-799-00	CARBON	47	5%	1/6W
R497	1-247-855-00	CARBON	10K	5%	1/6W	R1465	1-247-825-00	CARBON	560	5%	1/6W
R499	1-247-819-00	CARBON	330	5%	1/6W	R1466	1-247-791-00	CARBON	22	5%	1/6W
R661	1-247-113-00	CARBON	180	5%	1/4W	R1467	1-247-839-00	CARBON	2.2K	5%	1/6W
R662	1-247-113-00	CARBON	180	5%	1/4W	R1468	1-247-823-00	CARBON	470	5%	1/6W
R663	1-247-113-00	CARBON	180	5%	1/4W	R1469	1-247-839-00	CARBON	2.2K	5%	1/6W
R664	1-247-821-00	CARBON	390	5%	1/6W	R1470	1-247-799-00	CARBON	47	5%	1/6W
R665	1-247-821-00	CARBON	390	5%	1/6W	R1471	1-247-825-00	CARBON	560	5%	1/6W
R666	1-247-821-00	CARBON	390	5%	1/6W	R1472	1-247-791-00	CARBON	22	5%	1/6W
R1401	1-247-839-00	CARBON	2.2K	5%	1/6W	R1473	1-247-853-00	CARBON	8.2K	5%	1/6W
R1402	1-247-831-00	CARBON	1K	5%	1/6W	R1474	1-247-851-00	CARBON	6.8K	5%	1/6W
R1403	1-247-861-00	CARBON	18K	5%	1/6W	R1475	1-247-855-00	CARBON	10K	5%	1/6W
R1404	1-247-845-00	CARBON	3.9K	5%	1/6W	R1476	1-247-815-00	CARBON	220	5%	1/6W
R1405	1-247-855-00	CARBON	10K	5%	1/6W	R1477	1-247-815-00	CARBON	220	5%	1/6W
R1406	1-247-843-00	CARBON	3.3K	5%	1/6W	R1478	1-247-815-00	CARBON	220	5%	1/6W
R1413	1-247-145-00	CARBON	3.9K	5%	1/4W	R1479	1-247-847-00	CARBON	4.7K	5%	1/6W
R1414	1-247-123-00	CARBON	470	5%	1/4W	R1480	1-247-847-00	CARBON	4.7K	5%	1/6W
R1415	1-247-149-00	CARBON	5.6K	5%	1/4W	R1481	1-247-831-00	CARBON	1K	5%	1/6W
R1417	1-247-823-00	CARBON	470	5%	1/6W	R1482	1-247-855-00	CARBON	10K	5%	1/6W
R1419	1-247-835-00	CARBON	1.5K	5%	1/6W	R1483	1-247-855-00	CARBON	10K	5%	1/6W
R1420	1-247-847-00	CARBON	4.7K	5%	1/6W	R1484	1-247-155-00	CARBON	10K	5%	1/4W
R1421	1-247-831-00	CARBON	1K	5%	1/6W	R1485	1-247-115-00	CARBON	220	5%	1/4W
R1423	1-247-827-00	CARBON	680	5%	1/6W	R1486	1-247-155-00	CARBON	10K	5%	1/4W
R1432	1-247-855-00	CARBON	10K	5%	1/6W	R1487	1-247-115-00	CARBON	220	5%	1/4W

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R1488	1-247-155-00	CARBON 10K 5% 1/4W		<u>TRANSISTOR</u>			
R1489	1-247-115-00	CARBON 220 5% 1/4W		Q701	8-729-245-83	TRANSISTOR 2SC2458	
R1490	1-247-155-00	CARBON 10K 5% 1/4W		Q702	8-729-168-82	TRANSISTOR 2SC2688	
R1492	1-247-115-00	CARBON 220 5% 1/4W			4-370-970-01	SPACER, TR. 0702	
<u>VARIABLE RESISTOR</u>				Q703	8-729-245-83	TRANSISTOR 2SC2458	
RV401	1-226-853-00	RES. ADJ. CARBON 47K		Q704	8-729-168-82	TRANSISTOR 2SC2688	
RV402	1-226-852-00	RES. ADJ. CARBON 22K			4-370-970-01	SPACER, TR. 0704	
RV403	1-226-852-00	RES. ADJ. CARBON 22K		Q705	8-729-245-83	TRANSISTOR 2SC2458	
RV404	1-226-852-00	RES. ADJ. CARBON 22K		Q706	8-729-168-82	TRANSISTOR 2SC2688	
RV405	1-226-852-00	RES. ADJ. CARBON 22K			4-370-970-01	SPACER, TR. 0706	
<u>SWITCH</u>				<u>RESISTOR</u>			
S401	1-553-725-00	SWITCH, SLIDE		R701	1-247-839-00	CARBON 2.2K 5% 1/6W	
S402	1-553-725-00	SWITCH, SLIDE		R702	1-247-823-00	CARBON 470 5% 1/6W	
S403	1-553-725-00	SWITCH, SLIDE		R703	1-247-823-00	CARBON 470 5% 1/6W	
*****				R704	1-247-793-00	CARBON 27 5% 1/6W	
*A-1330-541-A C1 BOARD, COMPLETE *****				R705	1-206-743-00	METAL OXIDE 5.6K 5% 3W F	
	1-526-645-00	SOCKET, CRT		R706	1-247-813-00	CARBON 180 5% 1/6W	
<u>CONNECTOR</u>				R708	1-247-838-00	CARBON 2K 5% 1/6W	
C1	*1-508-765-00	3P PLUG (M)		R709	1-247-839-00	CARBON 2.2K 5% 1/6W	
C2	*1-508-786-00	2P PLUG (M)		R710	1-247-823-00	CARBON 470 5% 1/6W	
<u>CAPACITOR</u>				R711	1-247-823-00	CARBON 470 5% 1/6W	
C701	1-123-356-00	ELECT 10MF 20% 25V		R712	1-247-793-00	CARBON 27 5% 1/6W	
C703	1-102-116-00	CERAMIC 680PF 10% 50V		R713	1-206-743-00	METAL OXIDE 5.6K 5% 3W F	
C704	1-124-039-51	ELECT 10MF 20% 16V		R714	1-247-813-00	CARBON 180 5% 1/6W	
C705	1-102-116-00	CERAMIC 680PF 10% 50V		R716	1-247-838-00	CARBON 2K 5% 1/6W	
C706	1-124-039-51	ELECT 10MF 20% 16V		R717	1-247-839-00	CARBON 2.2K 5% 1/6W	
C707	1-102-116-00	CERAMIC 680PF 10% 50V		R718	1-247-823-00	CARBON 470 5% 1/6W	
C708	1-124-039-51	ELECT 10MF 20% 16V		R719	1-247-823-00	CARBON 470 5% 1/6W	
C709	1-121-759-00	ELECT 4.7MF 250V		R720	1-247-793-00	CARBON 27 5% 1/6W	
C710	1-108-433-00	MYLAR 0.1MF 10% 200V		R721	1-206-743-00	METAL OXIDE 5.6K 5% 3W F	
C711	1-102-038-00	CERAMIC 0.001MF 500V		R722	1-247-813-00	CARBON 180 5% 1/6W	
C712	1-129-737-00	FILM 0.047MF 20% 630V		R723	1-247-779-00	CARBON 6.8 5% 1/6W	
C713	1-123-356-00	ELECT 10MF 20% 90V		R724	1-247-838-00	CARBON 2K 5% 1/6W	
C714	1-102-249-00	CERAMIC 680PF 20% 2KV		R725	1-247-095-00	CARBON 33 5% 1/4W	
C715	1-102-219-00	CERAMIC 680PF 20% 1KV		R726	1-244-925-00	CARBON 150K 5% 1/2W	
C716	1-102-074-00	CERAMIC 0.001MF 10% 50V		R727	1-202-824-00	SOLIO 3.3K 1/2W	
<u>DIODE</u>				R728	1-202-824-00	SOLIO 3.3K 1/2W	
D701	8-719-300-76	DIODE RH-1A		R729	1-202-824-00	SOLIO 3.3K 1/2W	
D702	8-719-300-76	DIODE RH-1A		R730	1-202-815-51	SOLIO 47K 1/2W	
D703	8-719-300-76	DIODE RH-1A		R731	1-202-719-00	SOLIO 1M 10% 1/2W	
<u>COIL</u>				R732	1-202-722-00	SOLIO 1.8M 10% 1/2W	
L701	1-407-701-00	MICRO INDUCTOR 470H		R733	1-202-719-00	SOLIO 1M 10% 1/2W	
L702	1-407-701-00	MICRO INDUCTOR 470H		R734	1-202-824-00	SOLIO 3.3K 1/2W	
L703	1-407-701-00	MICRO INDUCTOR 470H		R735	1-202-720-00	SOLIO 1.2M 10% 1/2W	
L704	1-407-701-00	MICRO INDUCTOR 470H		R736	1-202-834-00	SOLIO 27K 1/2W	
				R737	1-202-549-00	SOLIO 100 5% 1/2W	
				R738	1-202-842-51	SOLIO 220K 1/2W	
				<u>VARIABLE RESISTOR</u>			
RV701	1-228-719-00	RES. ADJ. CERAMIC CARBON 470					
RV702	1-228-723-00	RES. ADJ. CERAMIC CARBON 4.7K					

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
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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description		Remark
RV703	1-228-719-00	RES, ADJ, CERAMIC CARBON 4.7K		C525	1-108-583-00	MYLAR	0.015MF	50V
RV704	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C526	1-131-356-00	TANTALUM	3.3MF	1% 25V
RV705	1-228-719-00	RES, ADJ, CERAMIC CARBON 4.7K		C527	1-123-323-00	ELECT	4.70MF	20% 16V
RV706	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C528	1-123-382-00	ELECT	3.3MF	20% 50V
RV707	1-228-719-00	RES, ADJ, CERAMIC CARBON 4.7K		C529	1-123-228-00	ELECT	1MF	20% 50V
RV708	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C530	1-108-579-00	MYLAR	0.01MF	5% 50V
RV709	1-228-719-00	RES, ADJ, CERAMIC CARBON 4.7K		C531	1-108-595-00	MYLAR	0.047MF	5% 50V
RV710	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C532	1-123-380-00	ELECT	1MF	20% 50V
RV711	1-228-719-00	RES, ADJ, CERAMIC CARBON 4.7K		C533	1-123-356-00	ELECT	10MF	20% 16V
RV712	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K		C534	1-106-172-00	MYLAR	0.001MF	5% 50V
RV713	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M		C535	1-123-356-00	ELECT	10MF	20% 25V
RV714	1-226-063-00	RES, ADJ, CARBON 2.2M		C751	1-123-380-00	ELECT	1MF	20% 50V
*****				C752	1-124-043-51	ELECT	2.2MF	20% 50V
*****				C753	1-124-038-00	ELECT	1MF	20% 50V
*****				C755	1-108-603-00	MYLAR	0.1MF	5% 50V
*****				C756	1-124-038-00	ELECT	1MF	20% 50V
*****				C757	1-162-117-00	CERAMIC	100PF	10% 500V
*****				C758	1-108-824-00	MYLAR	0.47MF	5% 50V
*****				C759	1-123-356-00	ELECT	10MF	20% 25V
*****				C760	1-124-126-00	ELECT	47MF	20% 25V
*****				C761	1-123-382-00	ELECT	3.3MF	20% 50V
*****				C762	1-123-330-00	ELECT	22MF	20% 25V
*****				C764	1-123-334-00	ELECT	220MF	20% 25V
*****				C766	1-123-380-00	ELECT	1MF	20% 50V
*****				C767	1-123-380-00	ELECT	1MF	20% 50V
*****				C768	1-106-220-00	MYLAR	0.1MF	10% 100V
*****				C769	1-124-126	ELECT	47MF	20% 25V
*****				C801	1-134-173-00	FILM	0.47MF	5% 50V
*****				C802	1-123-381-00	ELECT	2.2MF	20% 50V
*****				C803	1-101-888-00	CERAMIC	68PF	5% 50V
*****				C804	1-123-380-00	ELECT	1MF	20% 50V
*****				C805	1-102-531-00	CERAMIC	150PF	5% 50V
*****				C806	1-106-172-00	MYLAR	0.001MF	5% 50V
*****				C807	1-102-531-00	CERAMIC	150PF	5% 50V
*****				C808	1-123-369-00	ELECT	4.7MF	20% 25V
*****				C810	1-106-188-00	MYLAR	0.0047MF	5% 50V
*****				C811	1-106-196-00	MYLAR	0.01MF	10% 100V
*****				C813	1-106-204-00	MYLAR	0.022MF	10% 100V
*****				C814	1-106-180-00	MYLAR	0.0022MF	5% 100V
*****				C815	1-129-794-00	FILM	0.0033MF	1% 100V
*****				C816	1-123-381-00	ELECT	2.2MF	20% 50V
*****				C817	1-123-381-00	ELECT	2.2MF	20% 50V
*****				C818	1-123-330-00	ELECT	22MF	20% 25V
*****				C819	1-123-330-00	ELECT	22MF	20% 25V
*****				C821	1-123-381-00	ELECT	2.2MF	20% 50V
*****				C822	1-123-380-00	ELECT	1MF	20% 50V
*****				C823	1-123-356-00	ELECT	10MF	20% 16V
*****				C824	1-123-356-00	ELECT	10MF	20% 50V
*****				C825	1-123-322-00	ELECT	330MF	20% 16V
*****				C827	1-123-379-00	ELECT	0.47MF	20% 50V
*****				C828	1-102-820-00	CERAMIC	330PF	5% 50V
*****				C829	1-106-389-00	MYLAR	0.056MF	10% 200V
*****				C830	1-102-030-00	CERAMIC	330PF	10% 500V
C524	1-123-380-00	ELECT	1MF	20% 50V				

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
C832	1-161-961-11	CERAMIC	0.0022MF 10% 3KV	03	*1-560-125-00	PLUG, CONNECTOR (2.5MM) 5P	
C833	1-108-431-00	MYLAR	0.068MF 10% 200V	04	*1-508-765-00	3P PLOG (M)	
C834	1-136-064-11	FILM	0.002MF 3% 2KV	05	*1-508-765-00	3P PLOG (M)	
C835	1-136-079-11	FILM	0.01MF 3% 2KV	06	*1-564-038-00	CONNECTOR PLOG, OY (MINI) 6P	
C836	1-136-186-00	FILM	2.4MF 5% 200V	07	*1-508-766-00	4P PLOG (M)	
C837	1-108-433-00	MYLAR	0.1MF 10% 200V	08	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
C838	1-136-112-00	FILM	1.4MF 5% 200V	09	*1-560-124-00	PLUG, CONNECTOR (2.5MM) 4P	
C839	1-130-566-00	MYLAR	2.2MF 10% 250V	010	*1-560-123-00	PLOG, CONNECTOR (2.5MM PITCH)	
C840	1-136-123-00	FILM	0.51MF 5% 400V	011	*1-560-123-00	PLOG, CONNECTOR (2.5MM) 3P	
C841	1-123-267-00	ELECT	2.2MF 20% 160V	012	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
C842	1-106-186-00	MYLAR	0.0039MF 10% 100V	<u>0100E</u>			
C843	1-123-380-00	ELECT	1MF 20% 50V	0501	8-719-100-23	0100E R04.3E-82	
C844	1-123-322-00	ELECT	330MF 20% 16V	0502	8-719-911-19	0100E 1SS119	
C846	1-123-347-00	ELECT	330MF 20% 35V	0504	8-719-911-19	0100E 1SS119	
C849	1-108-603-00	MYLAR	0.1MF 5% 50V	0505	8-719-911-19	0100E 1SS119	
C850	1-129-706-00	FILM	0.0022MF 10% 630V	0506	8-719-911-55	0100E U05G	
C851	1-106-367-00	MYLAR	0.01MF 10% 200V	0507	8-719-911-19	0100E 1SS119	
C852	1-123-337-00	ELECT	1000MF 20% 25V	0751	8-719-911-19	0100E 1SS119	
C853	1-102-212-00	CERAMIC	820PF 10% 500V	0752	8-719-911-19	0100E 1SS119	
C854	1-121-999-00	ELECT	10MF 10% 160V	0753	8-719-911-19	0100E 1SS119	
C855	1-123-024-00	ELECT	33MF 10% 160V	0754	8-719-911-19	0100E 1SS119	
C856	1-108-429-00	MYLAR	0.047MF 10% 200V	0801	8-719-911-55	0100E U05G	
C857	1-102-223-00	CERAMIC	0.0047MF 10% 2KV	0802	8-719-911-19	0100E 1SS119	
C858	1-102-527-00	CERAMIC	82PF 5% 50V	0803	8-719-100-30	0100E R05.1E-82	
C859	1-123-369-00	ELECT	4.7MF 20% 50V	0804	8-719-100-80	0100E R020E-B2	
C860	1-123-332-00	ELECT	47MF 20% 25V	0805	8-719-305-15	0100E G13F	
C861	1-136-065-11	FILM	0.0027MF 3% 2KV	0806	8-719-928-08	0100E E8028-08	
C862	1-136-066-11	FILM	0.003MF 3% 2KV	0807	8-719-901-93	0100E V19E	
C863	1-136-064-11	FILM	0.002MF 3% 2KV	0808	8-719-901-93	0100E V19E	
C865	1-106-367-00	MYLAR	0.01MF 10% 200V	0809	8-719-300-76	0100E RH-1A	
C866	1-101-361-00	CERAMIC	150PF 5% 50V	0810	8-719-903-09	0100E V30N	
C868	1-123-356-00	ELECT	10MF 20% 16V	0811	8-719-911-19	0100E 1SS119	
C870	1-123-332-00	ELECT	47MF 20% 25V	0812	8-719-300-76	0100E RH-1A	
C871	1-123-380-00	ELECT	1MF 20% 50V	0813	8-719-300-76	0100E RH-1A	
C872	1-106-196-00	MYLAR	0.01MF 10% 100V	0814	8-719-911-19	0100E 1SS119	
C873	1-123-323-00	ELECT	470MF 20% 16V	0815	8-719-911-19	0100E 1SS119	
C874	1-106-196-00	MYLAR	0.01MF 10% 100V	0816	8-719-911-19	0100E 1SS119	
C876	1-102-530-00	CERAMIC	120PF 5% 50V	0817	8-719-100-64	0100E R012E-81	
C877	1-102-531-00	CERAMIC	150PF 5% 50V	0818	8-719-911-55	0100E U05G	
C879	1-102-531-00	CERAMIC	150PF 5% 50V	<u>IC</u>			
C880	1-102-525-00	CERAMIC	68PF 5% 50V	IC501	8-759-100-60	IC UPC1377C	
C881	1-102-820-00	CERAMIC	330PF 5% 50V	IC502	8-759-979-16	IC C47916	
C883	1-108-818-11	MYLAR	0.15MF 5% 50V	IC503	8-759-113-78	IC UPC1378H-L	
C884	1-123-356-00	ELECT	10MF 20% 25V	IC504	8-759-145-58	IC UPC4558C	
C885	1-108-599-00	MYLAR	0.068MF 5% 50V	IC801	8-759-345-38	IC H014538BP	
C886	1-106-180-00	MYLAR	0.0022MF 5% 50V	IC802	8-759-240-11	IC TC4011BP	
C887	1-123-332-00	ELECT	47MF 20% 16V	IC803	8-759-145-58	IC UPC4558C	
C888	1-123-323-00	ELECT	470MF 20% 16V	IC804	6-066-717-10	IC T041082	
C889	1-108-818-71	MYLAR	0.15MF 5% 50V	IC805	8-759-700-06	IC UPC7012H	
<u>CONNECTOR</u>				*4-323-833-00			
01	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P					
02	*1-560-128-00	PLUG, CONNECTOR (2.5MM PITCH)					

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
<u>COIL</u>							
L501	1-408-231-00	MICRO INDUCTOR 1MH		0817	8-729-204-83	TRANSISTOR 2SA1048R	
L52	1-407-59-00	MICRO INDUCTOR 22MH		0818	8-729-204-83	TRANSISTOR 2SA1048R	
L753	1-408-247-00	MICRO INDUCTOR 3MH		0819	8-729-245-83	TRANSISTOR 2SC2458	
L802	1-408-349-00	COIL, CHOKE		0820	8-729-245-83	TRANSISTOR 2SC2458	
L803	1-408-238-00	MICRO INDUCTOR 3.9MH		0821	8-729-245-83	TRANSISTOR 2SC2458	
L804	1-469-241-11	COIL, HORIZONTAL LINEALITY		0822	8-729-245-83	TRANSISTOR 2SC2458	
L805	1-459-568-11	COIL, CHOKE 980UH		0823	8-729-245-83	TRANSISTOR 2SC2458	
L806	1-407-365-00	COIL, CHOKE		0824	8-729-245-83	TRANSISTOR 2SC2458	
L807	1-459-104-00	COIL, OUST CORE		<u>RESISTOR</u>			
L808	1-407-364-00	COIL, SPOOK CHOKE 3.3UH		R504	1-247-847-00	CARBON 4.7K 5% 1/6W	
L809	1-407-841-00	COIL 15UH		R505	1-247-869-00	CARBON 39K 5% 1/6W	
L810	1-407-166-XX	MICRO INDUCTOR 56UH		R506	1-247-887-00	CARBON 220K 5% 1/6W	
L811	1-459-155-00	COIL (WITH CORE) 49MH		R507	1-215-455-00	METAL 27K 1% 1/6W	
L812	1-459-115-00	COIL, DCC-H		R508	1-247-833-00	CARBON 1.2K 5% 1/6W	
L814	1-407-841-00	COIL 15UH		R509	1-215-473-00	METAL 150K 1% 1/6W	
L816	1-408-247-00	MICRO INDUCTOR 33MH		R510	1-215-461-00	METAL 47K 1% 1/6W	
<u>TRANSISTOR</u>				R513	1-215-479-00	METAL 270K 1% 1/6W	
Q502	8-729-900-36	TRANSISTOR DTC124ES		R514	1-215-463-00	METAL 56K 1% 1/6W	
Q503	8-729-900-36	TRANSISTOR DTC124ES		R515	1-247-820-00	CARBON 360 5% 1/6W	
Q504	8-729-900-36	TRANSISTOR DTC124ES		R516	1-247-827-00	CARBON 680 5% 1/6W	
Q505	8-729-900-63	TRANSISTOR DTC124ES		R517	1-247-828-00	CARBON 750 5% 1/6W	
Q508	8-729-245-83	TRANSISTOR 2SC2458		R518	1-247-815-00	CARBON 220 5% 1/6W	
Q509	8-729-900-36	TRANSISTOR DTC124ES		R519	1-247-879-00	CARBON 100K 5% 1/6W	
Q510	8-723-305-00	TRANSISTOR 2SK43-5		R520	1-247-847-00	CARBON 4.7K 5% 1/6W	
Q751	8-729-245-83	TRANSISTOR 2SC2458		R521	1-247-886-00	CARBON 200K 5% 1/6W	
Q752	8-729-313-42	TRANSISTOR 2SD1134		R522	1-215-458-00	METAL 36K 1% 1/6W	
Q753	8-729-306-92	TRANSISTOR 2SD669A		R524	1-247-842-00	CARBON 3K 5% 1/6W	
Q754	*4-329-153-00	HEAT SINK, Y OUT, Q753		R525	1-247-857-80	CARBON 12K 5% 1/6W	
Q755	8-729-177-43	TRANSISTOR 2SD774		R526	1-247-846-00	CARBON 4.3K 5% 1/6W	
Q756	8-729-177-43	TRANSISTOR 2SD774		R527	1-247-863-00	CARBON 22K 5% 1/6W	
Q757	8-729-177-43	TRANSISTOR 2SD774		R528	1-215-373-31	METAL 10 1% 1/6W	
Q758	8-729-374-02	TRANSISTOR 2SB740		R529	1-213-137-00	METAL OXIDE 330 5% 1W F	
Q760	8-729-245-83	TRANSISTOR 2SC2458		R530	1-213-137-00	METAL OXIDE 330 5% 1W F	
Q801	8-729-245-83	TRANSISTOR 2SC2458		R531	1-247-874-00	CARBON 62K 5% 1/6W	
Q802	8-729-204-83	TRANSISTOR 2SA1048R		R532	1-247-870-00	CARBON 43K 5% 1/6W	
Q803	8-729-245-83	TRANSISTOR 2SC2458		R533	1-247-824-00	CARBON 510 5% 1/6W	
Q804	8-729-168-82	TRANSISTOR 2SC2688		R534	1-247-824-00	CARBON 510 5% 1/6W	
Q805	8-729-800-87	TRANSISTOR 2SD1398		R542	1-212-366-00	METAL OXIDE 3.3 5% 1W F	
*4-363-404-00	HOLDER, IC. 0805			R544	1-247-230-00	CARBON 390 5% 1/2W	
*4-363-414-00	SPACER, MICA. 0805			R545	1-247-837-00	CARBON 1.8K 5% 1/6W	
Q806	8-729-313-82	TRANSISTOR 2SD1138		R546	1-247-851-00	CARBON 6.8K 5% 1/6W	
Q807	8-729-900-36	TRANSISTOR DTC124ES		R547	1-247-831-00	CARBON 1K 5% 1/6W	
Q808	8-729-900-36	TRANSISTOR DTC124ES		R548	1-247-849-00	CARBON 5.6K 5% 1/6W	
Q810	8-729-900-36	TRANSISTOR DTC124ES		R549	1-247-855-00	CARBON 10K 5% 1/6W	
Q811	8-729-204-83	TRANSISTOR 2SA1048R		R550	1-247-878-00	CARBON 91K 5% 1/6W	
Q812	8-729-245-83	TRANSISTOR 2SC2458		R551	1-247-871-00	CARBON 47K 5% 1/6W	
Q813	8-729-900-36	TRANSISTOR DTC124ES		R552	1-247-853-00	CARBON 8.2K 5% 1/6W	
Q816	8-729-245-83	TRANSISTOR 2SC2458		R553	1-247-847-00	CARBON 4.7K 5% 1/6W	
				R554	1-247-886-00	CARBON 200K 5% 1/6W	
				R555	1-247-849-00	CARBON 5.6K 5% 1/6W	
				R556	1-247-859-00	CARBON 15K 5% 1/6W	
				R558	1-247-873-00	CARBON 56K 5% 1/6W	


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D

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
R559	1-247-855-00	CARBON	10K 5% 1/6W	R773	1-247-824-00	CARBON	510 5% 1/6W
R560	1-247-855-00	CARBON	10K 5% 1/6W	R774	1-247-817-00	CARBON	270 5% 1/6W
R561	1-247-876-00	CARBON	75K 5% 1/6W	R775	1-247-824-00	CARBON	510 5% 1/6W
R562	1-247-875-00	CARBON	68K 5% 1/6W	R776	1-247-819-00	CARBON	330 5% 1/6W
R563	1-247-875-00	CARBON	68K 5% 1/6W	R777	1-247-825-00	CARBON	560 5% 1/6W
R564	1-247-889-00	CARBON	270K 5% 1/6W	R778	1-247-875-00	CARBON	68K 5% 1/6W
R565	1-247-855-00	CARBON	10K 5% 1/6W	R779	1-247-855-00	CARBON	10K 5% 1/6W
R566	1-215-493-00	METAL	1M 1% 1/6W	R780	1-247-833-00	CARBON	1.2K 5% 1/6W
R567	1-247-877-00	CARBON	82K 5% 1/6W	R781	1-247-816-00	CARBON	240 5% 1/6W
R568	1-247-807-00	CARBON	100 5% 1/6W	R782	1-247-822-00	CARBON	430 5% 1/6W
R569	1-247-875-00	CARBON	68K 5% 1/6W	R783	1-247-817-00	CARBON	270 5% 1/6W
R570	1-247-870-00	CARBON	43K 5% 1/6W	R784	1-247-851-00	CARBON	6.8K 5% 1/6W
R571	1-247-831-00	CARBON	1K 5% 1/6W	R785	1-247-021-00	CARBON	1.5 5% 1/6W
R572	1-247-831-00	CARBON	1K 5% 1/6W	R786	1-247-021-00	CARBON	1.5 5% 1/6W
R573	1-247-881-00	CARBON	120K 5% 1/6W	R787	1-247-881-00	CARBON	120K 5% 1/6W
R574	1-247-873-00	CARBON	56K 5% 1/6W	R788	1-247-879-00	CARBON	100K 5% 1/6W
R575	1-247-849-00	CARBON	5.6K 5% 1/6W	R789	1-247-833-00	CARBON	1.2K 5% 1/6W
R576	1-247-839-00	CARBON	2.2K 5% 1/6W	R790	1-247-001-11	CARBON	15 5% 1/4W
R577	1-247-815-00	CARBON	220 5% 1/6W	R801	1-247-837-00	CARBON	1.8K 5% 1/6W
R578	1-247-889-00	CARBON	270K 5% 1/6W	R802	1-247-861-00	CARBON	18K 5% 1/6W
R579	1-247-879-00	CARBON	100K 5% 1/6W	R803	1-247-875-00	CARBON	68K 5% 1/6W
R580	1-247-831-00	CARBON	1K 5% 1/6W	R804	1-247-867-00	CARBON	33K 5% 1/6W
R581	1-247-831-00	CARBON	1K 5% 1/6W	R805	1-247-835-00	CARBON	1.2K 5% 1/6W
R582	1-247-849-00	CARBON	5.6K 5% 1/6W	R806	1-247-839-00	CARBON	1.2K 5% 1/6W
R583	1-247-892-00	CARBON	360K 5% 1/6W	R807	1-247-894-00	CARBON	430K 5% 1/6W
R584	1-247-871-00	CARBON	47K 5% 1/6W	R808	1-247-865-00	CARBON	27K 5% 1/6W
R585	1-247-789-00	CARBON	18 5% 1/6W	R809	1-247-835-00	CARBON	1.5K 5% 1/6W
R586	1-247-855-00	CARBON	10K 5% 1/6W	R810	1-247-857-00	CARBON	12K 5% 1/6W
R587	1-247-831-00	CARBON	1K 5% 1/6W	R811	1-215-462-00	METAL	51K 1% 1/6W
R589	1-247-831-00	CARBON	1K 5% 1/6W	R812	1-247-873-00	CARBON	56K 5% 1/6W
R590	1-247-903-00	CARBON	1M 5% 1/6W	R813	1-247-825-00	CARBON	560 5% 1/6W
R591	1-247-886-00	CARBON	200K 5% 1/6W	R814	1-247-849-00	CARBON	5.6K 5% 1/6W
R592	1-212-364-00	METAL OXIDE	2.2 5% 1W	R815	1-247-857-00	CARBON	12K 5% 1/6W
R751	1-247-874-00	CARBON	62K 5% 1/6W	R816	1-247-807-00	CARBON	100 5% 1/6W
R753	1-247-875-00	CARBON	68K 5% 1/6W	R817	1-247-877-00	CARBON	82K 5% 1/6W
R754	1-247-861-00	CARBON	18K 5% 1/6W	R818	1-247-868-00	CARBON	36K 5% 1/6W
R755	1-247-831-00	CARBON	1K 5% 1/6W	R819	1-247-857-00	CARBON	12K 5% 1/6W
R756	1-247-825-00	CARBON	560 5% 1/6W	R820	1-247-877-00	CARBON	82K 5% 1/6W
R757	1-247-831-00	CARBON	1K 5% 1/6W	R821	1-247-879-00	CARBON	100K 5% 1/6W
R758	1-247-819-00	CARBON	330 5% 1/6W	R822	1-247-879-00	CARBON	100K 5% 1/6W
R760	1-247-824-00	CARBON	510 5% 1/6W	R823	1-247-845-00	CARBON	3.9K 5% 1/6W
R761	1-247-831-00	CARBON	1K 5% 1/6W	R824	1-247-833-00	CARBON	1.2K 5% 1/6W
R762	1-247-827-00	CARBON	680 5% 1/6W	R825	1-247-855-00	CARBON	10K 5% 1/6W
R763	1-247-886-00	CARBON	200K 5% 1/6W	R826	1-215-473-00	METAL	150K 1% 1/6W
R764	1-247-846-00	CARBON	4.3K 5% 1/6W	R827	1-215-447-00	METAL	12K 1% 1/6W
R765	1-213-147-00	METAL OXIDE	2.2K 5% 1W	R828	1-215-441-00	METAL	6.8K 1% 1/6W
R766	1-247-802-00	CARBON	62 5% 1/6W	R829	1-247-867-00	CARBON	33K 5% 1/6W
R767	1-247-807-00	CARBON	100 5% 1/6W	R830	1-247-867-00	CARBON	33K 5% 1/6W
R768	1-247-857-00	CARBON	12K 5% 1/6W	R831	1-247-864-00	CARBON	24K 5% 1/6W
R769	1-247-021-00	CARBON	1.5 5% 1/6W	R832	1-247-841-00	CARBON	2.7K 5% 1/6W
R770	1-247-021-00	CARBON	1.5 5% 1/6W	R833	1-215-449-00	METAL	15K 1% 1/6W
R771	1-247-874-00	CARBON	62K 5% 1/6W	R834	1-215-464-00	METAL	62K 1% 1/6W
R772	1-247-870-00	CARBON	43K 5% 1/6W	R835	1-215-467-00	METAL	82K 1% 1/6W


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DH

Ref.No.	Part No.	Description		Remark	Ref.No.	Part No.	Description		Remark
R836	1-247-819-00	CARBON	330 5%	1/6W	R889	1-215-463-00	METAL	56K 1%	1/6W
R837	1-247-831-00	CARBON	1K 5%	1/6W	RB99	1-212-360-00	METAL OXIDE	1 5%	1W F
R838	1-206-745-00	METAL OXIDE	6.8K 5%	3W	RB99	1-215-463-00	METAL	56K 1%	1/6W
R839	1-247-662-00	CARBON	560 5%	1/4W F	R892	1-215-445-00	METAL	10K 1%	1/6W
R840	1-247-841-00	CARBON	2.7K 5%	1/6W	RB99	1-247-851-00	CARBON	6.8K 5%	1/6W
R841	1-212-361-00	METAL OXIDE	1.2 5%	1W F	R893	1-247-869-00	CARBON	39K 5%	1/6W
R842	1-206-745-00	METAL OXIDE	6.8K 5%	3W F	R895	1-247-839-00	CARBON	2.2K 5%	1/6W
R843	1-247-851-00	CARBON	6.8K 5%	1/6W	RB96	1-247-831-00	CARBON	1K 5%	1/6W
R844	1-213-126-00	METAL OXIDE	39 5%	1W F	R897	1-247-846-00	CARBON	4.3K 5%	1/6W
R845	1-215-465-00	METAL	68K 1%	1/6W	RB98	1-247-831-00	CARBON	1K 5%	1/6W
R846	1-247-819-00	CARBON	330 5%	1/6W	RB99	1-247-823-00	CARBON	470 5%	1/6W
R847	1-247-855-00	CARBON	10K 5%	1/6W					
R848	1-247-846-00	CARBON	4.3K 5%	1/6W			VARIABLE RESISTOR		
R849	1-247-861-00	CARBON	18K 5%	1/6W	RV501	1-228-577-00	RES. ADJ.	CARBON 220-	
R850	1-247-844-00	CARBON	3.6K 5%	1/6W	RV502	1-228-724-00	RES. ADJ.	CARBON 10K	
R851	1-247-861-00	CARBON	18K 5%	1/6W	RV503	1-226-848-00	RES. ADJ.	CARBON 2.2K	
R852	1-247-863-00	CARBON	22K 5%	1/6W	RV504	1-226-852-00	RES. ADJ.	CARBON 22K	
R853	1-247-845-00	CARBON	3.9K 5%	1/6W	RV505	1-224-249-XX	RES. ADJ.	METAL GLAZE 1K	
R854	1-247-815-00	CARBON	220 5%	1/6W	RV506	1-226-855-00	RES. ADJ.	CARBON 220K	
R855	1-247-819-00	CARBON	330 5%	1/6W	RV507	1-226-850-00	RES. ADJ.	CARBON 4.7K	
R856	1-247-853-00	CARBON	8.2K 5%	1/6W	RV751	1-226-850-00	RES. ADJ.	CARBON 4.7K	
R857	1-247-879-00	CARBON	100K 5%	1/6W	RV752	1-228-724-00	RES. ADJ.	CARBON 10K	
R858	1-247-890-00	CARBON	300K 5%	1/6W	RV753	1-226-850-00	RES. ADJ.	CARBON 4.7K	
R859	1-247-867-00	CARBON	33K 5%	1/6W	RV802	1-228-160-11	RES. ADJ.	METAL GLAZE 5K	
R860	1-217-418-00	FUSIBLE	0.47 10%	1/2W F	RV803	1-226-849-00	RES. ADJ.	CARBON 3.3K	
R861	1-217-418-00	FUSIBLE	0.47 10%	1/2W F	RV804	1-226-847-00	RES. ADJ.	CARBON 1K	
R862	1-244-923-00	CARBON	120K 5%	1/2W	RV805	1-226-845-00	RES. ADJ.	CARBON 330	
R863	1-244-923-00	CARBON	120K 5%	1/2W	RV806	1-226-849-00	RES. ADJ.	CARBON 3.3K	
R864	1-246-488-00	CARBON	4.3K 5%	1/4W	RV807	1-226-848-00	RES. ADJ.	CARBON 2.2K	
R865	1-247-147-00	CARBON	4.7K 5%	1/4W	RV808	1-223-102-00	RES. ADJ.	WIREWOUND 120	
R866	1-247-614-00	CARBON	3.3K 5%	1/8W	RV809	1-226-192-00	RES. ADJ.	CARBON 47K	
R867	1-213-143-00	METAL OXIDE	1K 5%	1W F	RV811	1-226-857-00	RES. ADJ.	CARBON 470K	
R868	1-213-147-00	METAL OXIDE	2.2K 5%	1W F	RV812	1-226-853-00	RES. ADJ.	CARBON 47K	
R869	1-213-127-00	METAL OXIDE	47 5%	1W F			TRANSFORMER		
R870	1-247-867-00	CARBON	33K 5%	1/6W	TH01	1-437-090-00	HOT		
R871	1-247-839-00	CARBON	2.2K 5%	1/6W	TH03	1-421-691-11	TRANSFORMER, FERRITE		
R872	1-247-877-00	CARBON	82K 5%	1/6W					
R873	1-247-855-00	CARBON	10K 5%	1/6W			THERMISTOR		
R874	1-247-865-00	CARBON	27K 5%	1/6W	TH501	1-806-110-00	THERMISTOR		
R875	1-247-843-00	CARBON	3.3K 5%	1/6W	TH751	1-800-071-XX	THERMISTOR, S-300		
R876	1-212-364-00	METAL OXIDE	2.2 5%	1W F					
R877	1-247-874-00	CARBON	62K 5%	1/6W					
R878	1-247-894-00	CARBON	430K 5%	1/6W					
R879	1-247-841-00	CARBON	2.7K 5%	1/6W					
R880	1-247-839-00	CARBON	2.2K 5%	1/6W					
R881	1-247-855-00	CARBON	10K 5%	1/6W					
R882	1-247-831-00	CARBON	1K 5%	1/6W					
R883	1-247-841-00	CARBON	2.7K 5%	1/6W					
R884	1-247-841-00	CARBON	2.7K 5%	1/6W					
R885	1-247-881-00	CARBON	120K 5%	1/6W					
R886	1-247-845-00	CARBON	3.9K 5%	1/8W					
R887	1-247-807-00	CARBON	100 5%	1/6W					
R888	1-215-477-00	METAL	220K 1%	1/6W					

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H

Ref.No.	Part No.	Description	Remark	Ref.No.	Part No.	Description	Remark
0685	8-719-114-34	DIODE 5Y4320		V901	A-8-738-312-05	CRT-(330Y822)	
0686	8-719-114-34	DIODE 5Y4320		*****			
0687	8-719-114-34	DIODE 5Y4320		ACCESSORIES AND PACKING MATERIALS			
0688	8-719-114-34	DIODE 5Y4320		*****			
0689	8-719-114-34	DIODE 5Y4320					
0690	8-719-102-34	DIODE 5G2320					
TRANSISTOR				Part No.	Description	Remark	
0691	8-729-204-83	TRANSISTOR 2SA1048GR		4-316-037-00	BAG, POLYETHYLENE		
RESISTOR				4-364-734-00	CUSHION (UPPER) (ASSY)		
R681	1-247-855-00	CARBON 10K 5% 1/6W		4-364-735-00	CUSHION (LOWER) (ASSY)		
R682	1-247-868-00	CARBON 30K 5% 1/6W		4-365-428-01	INDIVIDUAL CARTON		
R684	1-247-854-00	CARBON 9.1K 5% 1/6W		4-491-213-22	INSTRUCTION		
R685	1-247-831-00	CARBON 1K 5% 1/6W		4-493-991-11	MANUAL, INSTRUCTION		
R686	1-247-831-00	CARBON 1K 5% 1/6W					
R687	1-247-851-00	CARBON 6.8K 5% 1/6W					
R688	1-247-831-00	CARBON 1K 5% 1/6W					
R689	1-247-837-00	CARBON 1.8K 5% 1/6W					
VARIABLE RESISTOR							
RV681	1-228-937-00	RES. VAR. CARBON 20K					
RV682	1-228-938-00	RES. VAR. CARBON 20K					
RV683	1-228-938-00	RES. VAR. CARBON 20K					
RV684	1-228-938-00	RES. VAR. CARBON 20K					
RV685	1-228-936-00	RES. VAR. CARBON 10K					
RV686	1-228-936-00	RES. VAR. CARBON 10K					
SWITCH							
S671	1-516-777-XX	SLIDE SWITCH					
S672	1-516-777-XX	SLIDE SWITCH					
S673	1-516-777-XX	SLIDE SWITCH					
S674	1-554-118-00	SWITCH, PUSH					
S675	1-554-405-00	SWITCH, PUSH (5 KEY)					

MISCELLANEOUS							

A-1-162-142-21	CAP. BLOCK, HIGH VOLTAGE						
A-1-228-482-13	RESISTOR ASSY, HIGH-VOLTAGE						
A-1-454-239-11	DEFLECTION Yoke (SY-97A)						
1-452-032-00	MAGNET, DISK; 10MM Ø						
1-452-094-00	MAGNET, ROTATABLE DISK; 15MM Ø						
1-452-146-21	MAGNET, BMC						
A-1-452-214-12	CRT NECK ASSY. (H TYPE)						
A-1-534-517-31	CORONA MAGNET, 330MM Ø						
1-556-528-00	CONNECTOR ASSY (MINI, GY) 6P						
C901	1-123-337-00	CAP. ELECT 1000MF					
L901	A-1-426-086-12	COIL, DEGAUSSING					
S901	A-1-553-584-12	SWITCH, PUSH (POWER)					
SP901	1-503-109-00	SPEAKER					
TB02	A-1-439-308-12	TRANSFORMER ASSY, FLBACK					

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HARDWARE NOMENCLATURE

Screw:

P 3 x 10

L: Length in mm

D: Diameter in mm

Type of head

Indicated slotted head only.

Unless otherwise indicated, it means cross-recessed head (Phillips type).



Nut, Washer, Retaining ring:

N 3

Diameter of usable screw or shaft

Reference designation

Reference Designation	Shape	Description	Remarks
SCREWS			
P		pan-head screw	binding-head (B) screw for replacement
PWH		pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS		pan-head screw with spring washer	binding-head (B) screw and spring washer for replacement
PSP		pan-head screw with spring washer and flat washers	binding-head (B) screw and spring and flat washers for replacement
PSW		pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R		round-head screw	binding-head (B) screw for replacement
K		flat-countersunk-head screw	
RK		oval-countersunk-head screw	
B		binding-head screw	
T		truss-head screw	binding-head (B) screw for replacement
F		flat-filler-head screw	
RF		filler-head screw	
BV		brazer-head screw	

Reference Designation	Shape	Description	Remarks
SELF-TAPPING SCREWS			
TA		self-tapping screw	ex: TA, P 3 x 10
PTP		pan-head self-tapping screw	binding-head self-tapping (TA, B) screw for replacement
PTPWH		pan-head self-tapping screw with washer face	binding-head self-tapping (TA, B) screw and flat washer for replacement
PTTWH		pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement
SET SCREWS			
SC		set screw	
SC		hexagon-socket set screw	ex: SC 2.6 x 4, hexagon socket
NUT			
N		nut	
WASHERS			
W		flat washer	
SW		spring washer	
LW		internal-tooth lock washer	ex: LW3, internal
LW		external-tooth lock washer	ex: LW3, external
RETAINING RINGS			
E		retaining ring	
G		grip-type retaining ring	

NOMENCLATURE FERRONNERIE

Vis:

P 3 x 10

L: Longueur en mm

D: Diamètre en mm

Type de tête

Précise le type de rainure de la tête.

Sauf indication contraire il s'agit de vis cruciformes (Type Phillips)



Erou, Rondelle, Circlips:

N 3

Diamètre de la vis ou de l'axe utilisable

Designation de la référence

Désignation de la référence	Forme	Description	Remarques
VIS			
P		Vis à tête cylindrique large	Peut être remplacée par une vis à tête cylindrique (B).
PWH		Vis à tête cylindrique large et rondelle fixe	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle fixe.
PS		Vis à tête cylindrique large et rondelle à ressort fixe	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle à ressort.
PSP		Vis à tête cylindrique large et rondelles plates et à ressort	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate plus une rondelle à ressort.
R		Vis à tête ronde	Peut être remplacée par une vis à tête cylindrique (B).
K		Vis à tête fraisée	
RK		Vis à tête fraisée bombée	
B		Vis à tête cylindrique	
T		Vis à tête ronde large	Peut être remplacée par une vis à tête cylindrique (B).
F		Vis à tête moulée plate	
RF		Vis à tête moulée	
BV		Vis à tête soudée	

Désignation de la référence	Forme	Description	Remarques
VIS AUTOTARDEUSES			
TA		Vis autotardeuse	ex: TA, P 3 x 10
PTP		Vis autotardeuse à tête cylindrique large	Peut être remplacée par une vis autotardeuse à tête cylindrique (TA, B).
PTPWH		Vis autotardeuse à tête cylindrique large et rondelle fixe	Peut être remplacée par une vis autotardeuse à tête cylindrique (TA, B) et une rondelle fixe.
PTTWH		Vis à tête fileté et tête cylindrique large avec rondelle fixe	Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate.
VIS DE SERRAGE			
SC		Vis de serrage	
SC		Vis de serrage à douille hexagonale	ex: SC 2.6 x 4, douille hexagonale
ECROU			
N		Écrou	
RONDELLES			
W		Rondelle plate	
SW		Rondelle à ressort	
LW		Rondelle à denture intérieure	ex: LW3, intérieure
LW		Rondelle à denture extérieure	ex: LW3, extérieure
CIRCLIPS			
E		Circlip	
G		Circlip à griffe	

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